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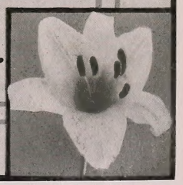
FALL
1912

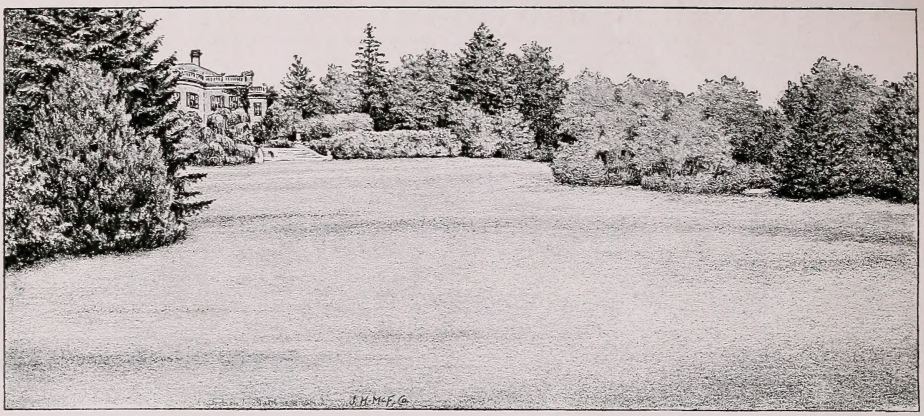
U.S. D... Washington, D. C.

Beckert's
BULBS and SEEDS

W. C. BECKERT
101 & 103 FEDERAL ST.
NORTH SIDE PITTSBURGH, PA.



J. H. McF. Co.



For a Fine Lawn Use Our Evergreen Lawn Seed

September is a propitious month for lawn-making, the season being very favorable for the germination of such seeds as are generally used in lawns, whilst the seeds of weeds, which all soils contain in greater or lesser quantities, do not germinate so readily as in spring or summer, permitting the grass to get a good start in advance of the weeds, thereby checking the development of the latter to a great extent. Our Lawn Seed sown early in fall will, under fairly favorable conditions, produce before cold weather sets in a strong growth of grass that will withstand the rigors of winter and produce a good lawn by the following June. Good earth and proper drainage are absolutely necessary. There should be no less than one foot of good surface soil—heavy loam where possible—as in light or sandy soils the grass will burn out in hot or dry weather. Where grading is necessary the subsoil should be removed and replaced with good earth. If a fertilizer is required apply a liberal quantity of well-rotted manure. Dig or plow this in and incorporate thoroughly with the soil. Rake or harrow the surface even, and, after sowing the seed, rake again and firm the surface with a lawn roller. Never attempt to dig, rake or roll a lawn whilst the ground is wet. When the grass is about 4 inches high it should be mown, but not too short, as close cropping is injurious to a new lawn. One cutting of the grass generally suffices for a lawn made in the fall. After once well established, frequent rolling is beneficial, especially early in spring after the soil, and with it the roots, have been raised by winter frosts. On banks and terraces, where the surface is liable to be washed off by rains before the grass seed has sprouted, a quick catch can be secured by mixing the grass seed with moist earth a week or ten days before sowing. By the expiration of that time much of the seed is ready to germinate.

BECKERT'S EVERGREEN LAWN

Good seed is as necessary to make a lawn as the proper preparation of the ground. We have made many experiments to determine the grasses best adapted for lawn purposes, and the above mixture is composed of a combination in proper proportions, of the best natural lawn grasses, so as to produce a continuous good lawn from early spring throughout the summer until late in fall.

The ingredients of this mixture are the highest grade of recleaned seeds only. The value of lawn grass seed can be best determined by its weight per measured bushel, the better the quality the heavier the weight. This Lawn Seed is sold by the standard bushel of 32 quarts (dry measure) and weighs 24 pounds per bushel.

Lawn Seeds are generally sold on a basis of 14 pounds to the bushel, which will invariably fall one-third or more short of actual measure if composed of choice, clean seeds, and where a bushel of 14 pounds holds out in measure, it must of necessity be largely composed of light, chaffy matter of no value.

Use 1 qt. to 300 sq. ft., 4 to 5 bus. per acre. Qt. 20 cts., by mail, 30 cts.; 2 qts. 35 cts., 3 qts. 50 cts., 4 qts. 60 cts., pk. $1.15, ½bus. $2.25, per measured bushel of 24 pounds, $4.50.

PUTTING GREEN MIXTURE

The very finest hardy low-growing grasses are contained in this mixture, producing a close and lasting green turf. Qt. 25 cts., pk. $1.75, ½bus. $3, bus. of 24 lbs. $6.

SHADY NOOK LAWN MIXTURE

A mixture of grasses best adapted for sowing in shady places where other grasses will not thrive. In nearly all lawns where there are trees, there will be found bare, unsightly spots which can be made green and bright by using this mixture. Qt. 25 cts., by mail, 35 cts.; pk. $1.75, ½bus. $3, per measured bus. of 20 lbs., $6.

GOLF LINK MIXTURE

Composed of such grasses as will produce a turf suitable for golf links, cricket-tables or polo grounds. Qt. 20 cts., pk. 90 cts., bus. of 20 lbs. $3.50.

LAWN FERTILIZERS

Stable manure should never be used as a top-dressing on a lawn as it always contains large quantities of noxious weed seeds, and is objectionable on account of unsightliness and disagreeable odor.

Beckert's Odorless Lawn and Garden Fertilizer. A clean, high-grade fertilizer, free from disagreeable odor, especially prepared for us. When applied to the lawn, it produces a rapid and rich green growth of grass and can be applied in the fall or spring. When used in the garden, it can be applied before or after planting, and during the growing season several additional applications at intervals will intensify its beneficial action. Apply about ten pounds to 300 square feet, or 1,500 pounds per acre, more or less, according to the condition of the soil. 10 lbs. 45 cts., 25 lbs. 90 cts., 50 lbs. $1.50, 100 lbs. $2.50, 200 lbs. $4.80, 500 lbs. $11.75, 1,000 lbs. $22.50, 1,500 lbs. $33, ton $43.

Canadian Unleached Hardwood Ashes. Unequaled as a fertilizer for lawns. Not alone acting as a stimulant, but supplies natural plant-food, permanently enriching the soil. Cheap, clean from weed seeds and no offensive odor. Apply in the fall or early in spring, so that the rain may leach the ashes and carry the elements down to the roots of the grasses, producing a rapid and rich green growth. Apply 1,500 to 2,000 lbs. per acre. Per sack of 100 lbs. $1.50, per 200 lbs. $2.75, per 400 lbs. $4.75, per 1,000 lbs. $11, per ton $20; no smaller parcel than 100 lbs.

Pure Raw Bone Meal. Contains nothing but pure raw animal bone. Vastly superior to steamed bone. 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. $1.30, 100 lbs. $2.10, 200 lbs. $3.90, 500 lbs. $9.25, 1,000 lbs. $17.50, per ton $33.

Beckert's Bulbs and Seeds for Fall Planting

AUTUMN, 1912

HYACINTHS. Their Culture

For the Garden. The ground must have good drainage and be dug to a depth of 12 inches. The beds should slope from the center outward for surface drainage. The soil requires no special fertilizer, well-rotted manure, dug in, sufficing for the wants of the bulbs and also for the usual bedding plants to follow in such beds the next spring. Plant the bulbs 6 to 9 inches apart and to a depth, from the crown of the bulb, of about 3 inches in heavy soil and 4 inches in light soil. Protect the beds with 3 to 4 inches of leaves or light litter, gradually removing this in the spring. It is still better to cover with several inches of well-rotted and light manure, allowing this to remain on the beds in the spring, this mulch keeping the beds moist and cool, through which the blooming period is considerably lengthened. The bulbs can be planted from October until the ground freezes, but early planting is preferable, as the root-growth has time to develop, enabling the plants to better withstand the winter's severity, and also contributing to the production of larger and more perfect flower-spikes. The beds may be planted with one or more varieties or a combination of colors as fancy may suggest.

For Pots, Bowls or Boxes. Use porous soil thoroughly mixed with well-rotted manure and some sand; not omitting some drainage. A single bulb will require a 5-inch pot. Allow same proportionate space when planting a number of bulbs in larger pots or window-boxes. Remove any sprouts there may be at the base of the bulbs. Plant the bulbs two-thirds below the surface, water thoroughly, and place in a cool, dark situation until the roots are well established, then bring to the light. A temperature of 50°, gradually increased to 60°, will be a factor in securing the finest spikes and brightest colors. A high temperature—or forcing—is fatal to the most gratifying results.

For Glasses. Use only select bulbs for this purpose. Fill the glasses with clear, soft water, allowing the base of the bulb to barely touch the water. Place in a cool, dark location, letting them remain there until the roots nearly touch the bottom of the glasses; then bring to the light. Replenish the water as it evaporates, or renew it if it becomes offensive. As with pot-grown plants, cool treatment will improve quality of bloom and render them more durable.

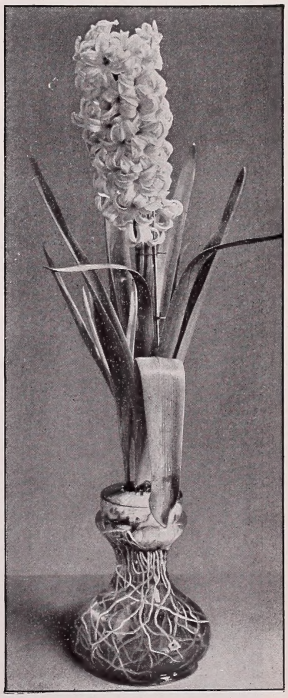
French Roman Hyacinths. These are used very extensively for forcing. The flowers, smaller than those of the preceding class, are more freely produced, two or more spikes shooting from a single bulb. Treat same as Dutch Hyacinths, in pots or boxes. The white variety, if planted early and gently forced, will bloom in December. The others are three or four weeks later. A 4-inch pot is large enough for a single bulb. Allow proportionate space when planting in larger pots or boxes.

White Italian Hyacinths. These bloom about three weeks later than the White Romans. Spikes somewhat larger and very fragrant; useful for a succession; treatment same as preceding.

Miniature Dutch Hyacinths. These are young bulbs of early-blooming varieties of Dutch Hyacinths. Spikes larger and later than those of the French sort. Plant six to ten bulbs in pots or pans according to size of vessel. Also useful for outdoor planting.

Grape and Feathered Hyacinths. Very desirable for edges of permanent beds or among shrubbery. They are very hardy and will increase rapidly. Can also be grown in the house for winter flowering.

Of the above-named Hyacinths, all but the last class may be nicely flowered in balls or baskets of live sphagnum moss. Give the same treatment as directed for pot culture, with an occasional dip in water.



Hyacinth in glass

EXHIBITION HYACINTHS

These are varieties selected for their grand-sized spikes, elegance of form and beauty and richness of color. The bulbs in quality are the cream of the crop, and naturally are sold at an advanced price. We offer this grade only in limited quantity and request early orders for the same. These bulbs, as a rule, are too large to grow in the ordinary Hyacinth glass, but may be flowered in any large vase, if this is preferred to pot culture. 15 cts. each, by mail 18 cts; $1.50 per doz., by mail, $1.85. In Blue, Pink, Red and White shades.

SPECIALLY PREPARED HYACINTHS FOR VERY EARLY FLOWERING

By a new method of treatment recently discovered by a Holland bulb-grower whilst experimenting with the object of hastening the maturity of the bulbs, Hyacinths can now successfully be brought into earlier bloom than has heretofore been possible. By this method, in which the maturity of the bulb is hastened, the flowers produced from them are not alone earlier, but larger and more perfect, with stronger spikes and larger bells.

Our grower states that this new culture is a complete success and will revolutionize the growing of Hyacinths; also that the forcing of Hyacinths from bulbs so treated was very easy and had already become popular in Holland.

The past year on December 2 they had Hyacinths in perfect bloom from bulbs that had been subjected to this special treatment. An exhibition of specially treated Hyacinths in bloom had been held from December 20 to 23, which was a complete success, and convinced everyone who had been skeptical as to practical results.

The bulbs we offer that have been subjected to this new method of treatment are not so large as our first-size Hyacinths, for the reason that it has been found that smaller bulbs give better results, the large bulbs producing too many small-size flowers. We advise our customers who desire some Hyacinths in bloom at the earliest possible date to give these specially treated bulbs a trial.

We offer this season the following varieties. All at 15 cts. each, $1.50 per doz.

L'Innocence. White.
Grand Blanche. White.
Garibaldi. Red.
Lady Derby. Rose-pink.
Regulus. Light blue.
Potgeiter. Light blue.
Grand Lilas. Dark blue

HYACINTH GLASSES

In amber, amethyst, blue and green. Tall and low glasses. 15 cts. each, $1.60 per doz.

HYACINTHS, SELECT FIRST SIZE

The following named Hyacinths are selected bulbs, mainly single-flowered, as these force more readily and, as a rule, produce finer and larger spikes of bloom than the double-flowered forms. The latter are entirely satisfactory for bedding or pot culture, but require a longer season for their development. These doubles are indicated by a star (*), and will be found at the end of every color class. Varieties preceded by a dagger (†) are to be preferred for glass culture.

Prices of all varieties, except where noted, 10 cts. each, by mail, 12 cts.; $1 per doz., by mail, $1.20; $8 per 100

Red, Rose and Pink Shades

†**Cardinal Manning.** Bright dark pink; large truss. Forces very early. 20 cts. each, $2 per doz.; by mail, $2.20 per doz.

Cardinal Wiseman. Large, compact spike; dark pink. Splendid for growing in pots.

†**Charles Dickens.** One of the most beautiful delicate pink shades; very early.

Cavaignac. Extra-fine salmon-pink; large bells.

Countess of Roseberry (Dr. Coindet). Brilliant carmine; extra fine.

Dr. Schaepman. Dark pink; small semi-double bells, forming a large, compact spike. 30 cts. each, $3.10 per doz.; by mail, $3.30 per doz.

General de Wet. Called also the Pink Grand Maitre, from which it is a sport. Produces the same large bulb and spike as Grand Maitre; of a pleasing pink shade. 15 cts. each, $1.50 per doz.; by mail, $1.70 per doz.

Gigantea. Small light pink bells, forming a large, compact spike.

†**General Pelissier.** Deep carmine; fine spike. Extra-early forcer and bedder.

Gertrude. Dark pink, compact spike on strong stem. One of the most popular forcers and bedders.

Hofgaertner Kunert. Immense light pink truss; very beautiful; late. 25 cts. each, $2.50 per doz.; by mail, $2.70 per doz.

Jacques. Pyramidal-shaped truss of gigantic dimensions. A beautiful shade of light pink.

†**King of the Belgians.** Bright scarlet. Good forcer and bedder.

†**La Victoire.** Immense brilliant red truss of the most perfect shape. Cannot be too highly recommended. Is one of the earliest forcers, flowering easily by Christmas. Stems strong and the color retains its brightness to the last. 25 cts. each, $2.50 per doz.; by mail $2.70 per doz.

†**Lady Derby.** Most beautiful light pink; large, compact spikes on strong stems. Very early. Splendid for pots and forcing.

A Pot of Single Hyacinths

RED, ROSE AND PINK SHADES, continued

Lord Macaulay. Bright rose-carmine, white center. A splendid flower.

†**Moreno.** Lively pink; large and compact bells.

Queen of the Pinks (Rebecca). Very bright pink. This splendid novelty is a sport of the well-known King of the Blues. The pink color has the same brilliancy as the blue of its parent. 35 cts. each, $3.50 per doz.; by mail, $3.70 per doz.

†**Rosy Gem** (Miss Cornelia). Fine delicate pink. The earliest of this color.

Robert Steiger. Deep red; splendid bedder.

Rose a Merveille. Rosy pink; fine spike. One of the best bedders.

Rosea Maxima. Soft rose; large florets and spikes.

***Bouquet Royal.** Salmon-rose. Dark center.

***Chestnut Flower.** Light pink; extra-large spike.

***Grootvorst.** Rose-salmon; dark center; large truss.

***President Roosevelt.** Dark red; large spike.

Pure White and Blush-White

†**Arentine Arendsen.** Snow-white. This variety has proven to be a real gem in regard to color and shape of the truss. It can be had in bloom by the middle of December. 15 cts. each, $1.50 per doz.; by mail, $1.70 per doz.

†**Albertina.** Pure white; large spike; very early.

Angenis Christina. Pure white. Splendid bedder.

British Queen. Pure white; large truss; very early.

†**Christmas White.** Opens blush-white, turns pure white. One of the very earliest. 30 cts. each, $3.10 per doz.; by mail, $3.30 per doz.

†**Correggio.** Pure white. The large fleshy bells are snow-white and form a perfect truss of greaty beauty and size. An early forcer. 30 cts. each, $3.10 per doz.; by mail, $3.30 per doz.

Grande Blanche. Blush-white. Very early and a good bedder.

†**Grandeur a Merveille.** Blush-white, large, handsome truss.

†**La Grandesse.** The color is of the purest white, and the large, fleshy bells form a large, compact and perfect spike. Fine forcer. 15 cts. each, $1.50 per doz.; by mail, $1.70.

†**L'Innocence.** As good for bedding as it is for forcing on account of its compact growth; pure white. 12 cts. each, $1.25 per doz.; by mail $1.45.

Leviathan. Blush-white; large spike.

La Franchise. Creamy white; very large bulbs. Fine bedder.

†**La Neige.** Pure white; grand spike. Very early.

Monsieur Vanderhoop. A pure white sport of Madam Vanderhoop, but with a larger truss. Splendid for pots. 15 cts. each $1.50 per doz.; by mail, $1.70 per doz.

Madame Vanderhoop. Almost pure white; large bells, compact truss. Good pot Hyacinth and effective bedder.

Mina. Purest white; fine spike.

Mr. Plimsol. Blush-white; grand spike. Good bedder.

Paix de l'Europe. Drooping bells; fine large spikes; pure white; late. Fine bedder.

Voltaire. Waxy white; fine flower.

White Lady. Sport of the blue Lord Derby. Immense, pure white, compact spikes. 30 cts. each, $3.10 per doz.; by mail, $3.30 per doz.

***Bouquet Royal.** Pure white; double florets; large spikes.

***Isabella.** Waxy white; fine spike.

***La Grandesse.** A pure white double of this name.

***La Tour d'Auvergne.** Pure white; forces readily; very good.

Blue Shades

†**Admiral Coubert.** Enormous large truss; flowers bright sky-blue; large bulb. Fine for early forcing. 20 cts. each, $2.10 per doz.; by mail, $2.30 per doz.

†**Bismarck.** Azure-blue. Blooms easily by Christmas. The earliest blue Hyacinth. 15c. each, $1.50 per doz.; by mail, $1.70 per doz.

†**Charles Dickens.** Porcelain-blue, purple-shaded; early.

†**Czar Peter.** Large bells of light lavender-blue; fine spike.

Captain Boyton. Deep porcelain-blue; large, broad spike.

Electra. Porcelain-blue; enormous flowers; large bulb. 20 cts. each, $2.10 per doz.; by mail, $2.30 per doz.

Enchantress. Most delicate porcelain-blue. Makes a splendid truss and is one of the most beautiful of the light blues.

†**General Vanderheyden.** Light sky-blue. Resembles Moreno in size and shape of flower, but has a stronger stem. Very early forcer. 20 cts. each, $2.10 per doz.; by mail, $2.30 per doz.

Bed of Hyacinths

HYACINTHS, BLUE SHADES, continued

†**Grand Lilas.** Dark lilac; large spike. Splendid variety for bedding and forcing.
Grand Maitre. Deep sky-blue; very large, compact spike. One of the most popular blues. Splendid for growing in pans and pots.
Johan. Large, light blue bells, forming a large, compact truss. Fine bedder.
†**King of the Blues.** Rich dark blue; splendid truss. Fine as a forcer and bedder.
La Peyrouse. Clear porcelain-blue; fine bells. Excellent bedder.
†**Leonidas.** Rich light blue; early.
Lord Derby. The small bright porcelain bells form a large and compact spike of great beauty.
Marie. Dark purple. Fine bedder.
Menelik. Almost black—darkest of all Hyacinths; immense truss; large bulb.
†**Potgeiter.** Pale blue; immense truss. Splendid bulb for bedding and early forcing.
†**Queen of the Blues.** Hardly excelled as a fine light blue variety. Stems short and stiff, and has no equal as a pot variety.
†**Schotel.** Light blue; large bells; handsome spikes.
***Blocksberg.** Late; azure-blue; large florets and spikes.
***Charles Dickens.** Dark lilac-blue.
***Garrick.** Light blue.
***Van Speyk.** Porcelain-blue. Large, compact spike.

Yellow Shades

Buff Beauty. Buff-orange-yellow. Large truss. 15 cts. each, $1.50 per doz.; by mail, $1.70 per doz.
City of Haarlem. Golden yellow. Not a new variety, but little known. It is the best and largest yellow. 15 cts. each, $1.50 per doz.; by mail, $1.70 per doz.
Daylight. Light yellow; fine spike.
†**Ida.** Early; rich primrose-yellow; fine spike.
†**Yellow Hammer.** Golden yellow; forces easily; fine spike.

Unnamed Hyacinths for Bedding and Forcing

These are very good varieties usually offered as "mixed." Our bulbs exceed in size the general grades, being 16 cm. and over—6 to 6¾ inches—in circumference. The single varieties are excellent for forcing or indoor use.

UNNAMED HYACINTHS FOR BEDDING AND FORCING, con.

Uniform price-list of all colors either single- or double-flowering. Extra-selected Grade, 5 cts. each, 50 cts. per doz.; by mail, 65 cts. per doz.; $3.50 per 100, $32 per 1,000. **Good Grade,** $3 per 100, $29 per 1,000.

SINGLE

Dark Red
Light Red, Rose and Pink
Dark Blue and Purple
Light Blue and Lavender
Pure White
Blush-White and Tinted
Yellow Shades

DOUBLE

Red, many shades
White and Blush
Blue, many shades
Yellow, several shades

Miniature, or Dutch Roman Hyacinths

These are charming single-flowered varieties that can be used for pots, bowls, boxes, or be bedded in the garden. They may also be grown in moss with good results; plant quite close.

Gertrude. Clear pink.
Gigantea. Delicate rose.
Grand Maitre. Porcelain-blue.
L'Innocence. Pure white.
Mad. Vanderhoop. Waxy white.
Queen of the Blues. Azure-blue.

All at 4 cts. each, 40 cts. per doz.; postpaid, 50 cts.; $2.60 per 100

Early-flowering French Roman Hyacinths

Much earlier than the Dutch Romans. By early potting in fall with successional planting, flowers may be had continually from November to early spring, and quite early results may be had growing them in bowls or in saucers with water and pebbles, or in balls or baskets of moss.

	Each	Doz.	100	1,000
Early White. Selected bulbs, 13 x 15 cm.	$0 06	$0 55	$3 70	$35 00
" " Choice bulbs, 12 x 15 cm.	05	45	3 30	31 00
" " Choice bulbs, 11 x 12 cm.	04	35	2 60	24 00
" **Light Blue.**	04	40	2 75	
" " **Rose or Pink.** Very early	04	40	2 75	
EARLY ITALIAN, White	04	40	3 00	27 00

Add 8 cts. per doz. when to be sent by mail

Bed of Single Early Tulips

TULIPS

For grand effect as an early spring flower, the Tulip probably heads the list of bulbous plants. They are so entirely hardy, easily cared for, flower so freely in city or country, sun or shade, and as, with proper selection of varieties, their flowers may be enjoyed from April to almost June, it naturally follows that they are becoming immensely popular. By planting scillas, crocus, snowdrops, etc., between the bulbs, the same bed or space of ground will provide a beautiful display of these early gems, preceding and in no manner interfering with the Tulips. Named varieties are to be preferred for satisfying results, and as we give height and relative blooming season of most varieties, selections as to color and season may be readily made. Varieties preceded by a star (*) are preferable for forcing. The numbers preceding names indicate the height in inches, the figures following the names refer to their relative flowering season, No. 1 being the earliest, and No. 5 the latest. There being but slight difference in the season of any two successive classes, No. 1 and No. 2, and No. 2 and No. 3, and so on, may be planted together. Plant 5 to 6 inches apart, and cover one and one-half or twice their depth. For attractive beds, borders, etc., the following combinations are effective and may be varied as desired.

Duchesse de Parma and Fabiola, Chrysolora and Dusart, Chrysolora and President Lincoln, Chrysolora and Pottebakker White; Chrysolora, President Lincoln and Prince of Austria; Princess Mariana and Rose Gris-de-lin, Rosa Mundi and Rose Luisante, Keizerkroon and La Reine, etc. For house culture plant four to six bulbs in a 6-inch pot, and in proportion for the larger sizes of bulb pans, treat as advised for hyacinths. Good roots and plenty of them, before bringing plants to light and warmth, are essential to success; these roots are produced only in dark, cool and moist locations, and any extra care used in supplying these conditions will be repaid in the more gratifying results obtained. These rules apply to most of the bulbs for house-blooming grown in soil, moss or water.

Duc Van Thol Tulips

These are single-flowered and the earliest varieties; they are extensively used for forcing in pots, pans, etc. They are not so desirable for cutting, as the stems are rather short; still very useful for the florist who uses his own stock. They grow uniformly 5 to 8 inches high and, excepting the first variety, flower at the same time.

	Each	Doz.	100
8 **Rose**	$0 03	$0 30	$1 75
8 **Scarlet**	03	30	1 75
8 **White Maximus.**	03	25	1 50
8 **Red and Yellow Maximus**	03	30	2 00
8 **Yellow**	03	30	1 75
8 **Gold-striped**	03	30	1 75
8 **Mixed**		25	1 50

Single Early White Tulips

	Each	Doz.	100	1,000
10 ***Albion** or **White Hawk.** 2. Large, pure white; second earliest	$0 04	$0 35	$2 25	
10 ***La Reine** (Queen Victoria). 2. White, tinged rose; second early.	02	20	1 20	$10 00
10 **L'Immaculee.** Early; pure white	02	20	1 30	11 00
12 ***Pottebakker White.** 1. Pure white; large and early	03	30	1 70	15 00
12 ***Joost Van Vondel** (Lady Boreel). 2. Fine, pure white; second-early.	04	40	2 60	24 00
14 ***White Swan.** 3. Snow-white; globular; for forcing; second-early	03	25	1 50	

Single Early Pink Tulips

	Each	Doz.	100	1,000
10 **Couleur Ponceau.** 2. Glowing cherry-rose, flushed white	$0 02	$0 20	$1 30	$11 00
10 ***Cottage Maid** (La Precieuse). 2. Beautiful rose, flushed white	02	20	1 30	11 00
12 **Pink Beauty.** Rosy pink, slightly shaded white. Surpasses all other varieties in size and beauty As a bedder it has no equal. Not suitable for early forcing	05	55	3 75	35 50
10 **Princess Mariana.** Very large pink-tinged flowers	03	25	1 50	
10 **Proserpine.** 1. Carmine-rose. A grand early Tulip	04	40	2 60	24 00
9 **Rose Aplatis.** Light pink, fine flower	03	35	2 25	
8 ***Rose Gris-de-lin.** 3. Delicate rose, flushed white; second-early	02	20	1 30	11 00
10 **Rose Luisante.** 3. Brilliant rose; large flowers. A fine second-early.	04	35	2 50	23 00
9 **Rose La Reine.** Extra-fine forcer.	04	40	2 75	

Single Early Pink and White, Carmine and White, Etc.

	Each	Doz.	100	1,000
10 ***Joost Van Vondel.** 2. Crimson-scarlet, flushed white; large	$0 03	$0 30	$1 80	$16 00
10 **Fabiola.** White, striped deep violet	04	45	3 00	

If by mail, add 5 cts. per doz. and 40 cts. per 100 to catalogue prices

SINGLE EARLY PINK AND WHITE, CARMINE AND WHITE, ETC., continued

	Each	Doz.	100	1,000
12 **Flamingo** (Rose Hawk). White flaked dark pink. One of the finest of the new varieties. For forcing	$0 05	$0 55	$3 75	
10 **Queen of the Netherlands.** 2. A large, lovely Tulip	03	30	2 00	
10***Rosa Mundi.** 3. Rose-pink, blushed white; beautiful; second-early	02	20	1 20	$10 00
10 **Royal Standard** (Standard Silver). 2. White and crimson	03	30	2 00	

Single Early Red Tulips

	Each	Doz.	100	1,000
9 **Artus** (Garibaldi). 2. Bright, deep scarlet	$0 02	$0 20	$1 30	$11 00
10***Belle Alliance** (Waterloo). 2. Bright crimson-scarlet; second early	03	30	2 00	18 00
10 **Brutus.** Red, bordered yellow	03	25	1 50	13 00
Cardinal's Hat. Dark brownish red.	03	25	1 50	13 00
10***Couleur Cardinal.** 4. Rich crimson-scarlet; grand bedder; second-early	04	35	2 20	20 00
12 **Cramoisi Brillant.** 3. Rich orange-scarlet; very showy, pointed flower	03	25	1 50	13 00
10 **Crimson King** (Roi Cramoisi). 2. Crimson; not desirable for forcing, but a splendid bedder	03	25	1 50	13 00
12 **Dusart.** 2. Large; carmine-scarlet; very fine	03	30	1 75	
10 **Maes.** Bright scarlet; immense size	04	35	2 30	21 00
12***Pottebakker Scarlet.** 2. Large and a fine bedder; second-early	03	30	1 90	17 00
Samson. Scarlet	03	25	1 60	14 00
12 **Sir Thomas Lipton.** Large, deep scarlet; splendid	05	45	3 00	
10***Vermilion Brilliant.** 1. Rich, dazzling scarlet; second-early	04	40	2 80	24 00

Single Early Yellow Tulips

	Each	Doz.	100	1,000
10***Chrysolora.** 2. Handsome; pure yellow; second-early	$0 02	$0 20	$1 35	$11 50
10***Goldfinch.** Very fragrant; golden yellow; second early	03	25	1 60	14 00
10 **Golden Queen.** Pure and very rich yellow	04	35	2 25	
12***King of the Yellows.** 2. Fine globular flower; nice for pots	03	25	1 60	14 00
12***Montresor.** 1. Large yellow flower and a grand sort; fine forcer; early	03	25	1 60	14 00
10 **Ophir d'Or.** 2. Rich golden yellow; one of the largest single yellow Tulips	03	25	1 60	14 00
12 **Pottebakker, Yellow.** 1. Large, yellow; fine bedder; second-early	03	25	1 60	14 00
12 **Prince de Ligny.** Deep yellow; very long stems	03	25	1 50	
10***Yellow Prince.** 2. Sweet-scented; yellow; fine bedder and forcer	02	20	1 40	12 00

Single Early Orange, with Scarlet and Bronze, Terra-Cotta and Violet, Etc.

	Each	Doz.	100	1,000
10***Duc de Berlin.** Large flowers; scarlet, edged orange; very early and a splendid forcer	$0 04	$0 35	$2 20	$20 00
12***Duchesse de Parma.** 3. Bright scarlet, margined gold; second-early.	02	20	1 40	12 00
10 **Gold Standard.** Crimson and yellow.	04	45	3 00	
15***Keizerkroon.** 1. Rich scarlet, edged bright yellow; fine forcer and bedder	03	25	1 60	14 00
President Lincoln (Queen of Violets). Clear violet	04	45	3 00	
12***Prince of Austria.** 3. Very showy brick-red to buff-orange; sweet-scented; fine form; second-early	03	30	2 00	18 00
12 **Thomas Moore.** 3. Terra-cotta, flushed with yellow; fine	02	20	1 40	12 00
10 **Wouverman.** Purple-violet; large flowers. Fine for bedding	04	45	3 00	28 00

Mixed Single Early Tulips

We offer two grades of mixed Tulips. Our own mixture being selected from named varieties imported for this purpose and entirely distinct from and superior to the imported mixtures.

	Doz.	100	1,000
Beckert's Superb Single Mixture	$0 25	$1 60	$15 00
Superfine Single Mixture	15	95	8 50

DOUBLE EARLY TULIPS

The double varieties cannot be forced so early or readily as the singles. One of the earliest, Salvator Rosa, may be had by the middle of January, whilst varieties preceded by a star (*) may be flowered from January to March. The flowers are large and brilliant and are effective in beds or groups. If grown in pots, do not attempt flowering before they are well rooted.

Double Early Yellow, Red and Yellow and Bronze Tulips

	Each	Doz.	100	1,000
10***Couronne d'Or.** 2. Yellow, flushed orange; large flower; grand bedder	$0 04	$0 35	$2 20	$20 00
9 **Gloria Solis.** Scarlet, deeply edged with bright yellow; early	03	25	1 50	
11***Saffrano** (Tea Rose; Sulphur-Beauty). Saffron-yellow. A beautiful sport from Murillo. Of a soft saffron-yellow shade, occasionally passing off very light orange at the tops of the petals	07	70	5 00	
10***Titian.** Red, edged yellow	03	30	1 90	17 00
10***Tournesol.** 2. Scarlet, broadly edged yellow; very large flower; early	04	35	2 30	22 00
10***Tournesol, Yellow.** 2. Yellow, flushed orange; large flower and early	04	35	2 20	20 00

Single Early Tulips

If by mail, add 5 cts. per doz. and 40 cts. per 100 to catalogue prices

Double Early Tulips

Double Early Red, Scarlet, Etc., Tulips

	Each	Doz.	100	1,000
10***Cochineal.** Brilliant scarlet. A forcing Tulip of great merit. Not as double as some others, but retains its color to the last	$0 05	$0 45	$3 00	
10 **Duke of York.** Carmine, edged white; splendid bedder	02	20	1 25	
10***Imperator Rubrorum.** 2. Glowing scarlet	03	30	2 00	$18 00
10 **Rex Rubrorum.** Scarlet	03	30	1 75	16 00
10***Le Matador.** 3. Rich glowing scarlet, large globular flowers; effective	04	35	2 50	
10 **Prince of Wales.** Deep cherry-crimson; large flower	03	30	1 75	
10***Rubra Maxima.** 2. Fine dark vermilion; large flower	03	30	1 75	
12***Vuurbaak.** Brilliant scarlet; splendid for growing in pots and pans. Well-shaped and very large flowers on strong stems	04	35	2 25	
12 **William III.** Deep scarlet	03	25	1 60	

Double Early Pink, White and Rose, Etc., Tulips

	Each	Doz.	100	1,000
12***Couronne des Roses.** 3. Beautiful rich brilliant rose	$0 05	$0 45	$3 00	
10 **La Candeur.** 4. Pure white. Used largely for bedding	03	25	1 50	$13 00
10 **Le Blazon.** Blush-white, tinged rose	03	25	1 60	
Lord Beaconsfield. Dark pink; very large and double	03	30	2 00	
12 **Lucretia.** Very deep pink, with flowers of an enormous size. Each flower has quite a number of petals protruding from the others, which gives to the whole flower something artistic, adding greatly to its beauty	04	40	2 75	
10***Murillo.** 3. Delicate rose, flushed white; fine	03	25	1 60	14 00
10***Rosine.** Light pink	04	35	2 20	
10***Salvator Rosa.** 2. Beautiful rose-pink; flushed white; early	04	35	2 20	20 00

Mixed Early Double Tulips

	Doz.	100	1,000
Beckert's Superb	$0 30	$1 70	$16 00
Superfine	15	1 00	9 00

Late Single-Flowering Tulips

KNOWN AS COTTAGE, or MAY-FLOWERING TULIPS

This class, as well as the Darwin Tulips, are becoming very popular. They are very hardy and robust, flowers are large in size and very rich in coloring. The stems are long and wiry and the flowers are durable in a cut state. They are effective planted in clumps or borders, and may be grown in pots as recommended for other Tulips, and brought in to succeed the earlier classes. The figures following names indicate the flowering period. No. 5 of this class blooming about with No. 5 of the Single Tulips, and other numbers following later. This class of Tulips should be planted about 6 inches deep.

	Each	Doz.	100	1,000
Beauty of America. Pale yellow, passing to white; handsome	$0 03	$0 25	$1 50	
Bouton d'Or (Golden Beauty; Ida). 6. A very rich chrome-yellow; elegant	03	25	1 50	$13 00
Fulgens. Vermilion-crimson, cream center	04	35	2 50	
Fairy Queen. Yellow and brown	03	30	2 00	
Firefly. Scarlet and orange, golden center	05	45	3 00	
Gesneriana aurantiaca maculata (Orange Beauty). Orange, with black base	03	30	2 00	
Gesneriana lutea. Golden yellow. A bedder of the finest quality. Large perfect-shaped flowers of the purest golden yellow, on strong stems, holding the flowers perfectly erect	03	30	2 00	
Gesneriana spathulata. Deep red; nice for cutting	03	30	1 70	15 00
Gold Cup. A grand yellow flower	03	30	2 00	
Golden Crown. Yellow, feathered red	02	20	1 30	11 00
Isabella (Blushing Bride; Shandon Bells). Salmon-rose. A fine variety for cutting	03	25	1 60	14 00
La Merveille. 9. Magnificent large salmon-rose flowers, with orange-red and yellow center; fragrant	03	30	1 80	16 00
La Nigrette. Quite dark maroon; globe-shaped flowers	03	25	1 60	
Le Reve (Hobema; Sarah Bernhardt). Lovely rose and chamois. Can be forced by February 15; beautiful	07	70	5 00	
Maid of Holland (Bridesmaid). Yellow and white, striped red at base	03	25	1 60	
Mrs. Moon (Lutea maxima). Pure yellow petals slightly recurved, forming a large and beautiful flower on a strong stem	06	60	4 00	
Parisian Yellow. Fine for cut-flower purposes	03	30	2 00	
Picotee (Maiden's Blush). 7. Large white recurved petals, margined rose; elegant	03	30	1 70	15 00
Retroflexa. 5. Beautiful yellow flowers, elegant recurved petals	03	25	1 60	
Royal White. Splendid nymphæa-like flowers	05	45	3 00	
Salmon Queen (Inglescombe Pink). A large flower of a beautiful salmon-rose shade that is taking a prominent place among leading varieties	05	45	3 00	
Superfine Mixture	02	20	1 40	12 00

Late Double Tulips

These come into bloom about the middle of May. Continue fresh and beautiful for a long time.

	Each	Doz.	100
Finest Mixed	$0 02	$0 20	$1 50

Darwin Tulips

These magnificent Tulips of elegant form possess many beautiful colors blended in great variety. They prolong the Tulip season throughout May into June and afford splendid cut-flower material. In habit they are sturdy and robust, some varieties attaining a height of three feet. They form splendid clumps and groups; slowly forced, may be flowered in March and are elegant for house decoration. The varieties followed by a figure 5 bloom uniformly with those of same number in other groups and other numbers relatively later.

	Each	Doz.	100
Baronne de La Tonnaye. 7. Beautiful rose, shading to blush; long flower	$0 04	$0 40	$2 75
Clara Butt. 8. Very fine delicate rose, blush tinge	05	50	3 50
Dream (Reve de Jeunesse). 6. Large cupped flowers, soft heliotrope, shaded silver-lilac at base; center blue	04	40	2 75

DARWIN TULIPS, continued

	Each	Doz.	100
Europe. 7. Globular flower; glowing salmon-scarlet, snowy white center; fine	$0 04	0 40	$2 75
Fanny. 5. Delicate rose, shaded blush, center white, flamed blue	05	45	3 00
Farncombe Saunders. Brilliant dark rosy red, with a clear white center. A giant among the large-flowering varieties	06	55	4 00
Glow (Claude Gillot). 5. Brilliant glowing vermilion, center blue, margined white	05	45	3 00
Glory. 6. Glowing cherry-red; fine	05	45	3 00
Harry Veitch. Dark brownish red	04	35	2 50
Kate Greenaway. Soft flesh, nearly white; very late	04	35	2 50
Louis Lenghart. Blue and violet	04	35	2 50
La Candeur (White Swan). 6. White, slightly tinted blush, black anthers	04	35	2 50
Loveliness. 6. Satin-rose, blush margin; fine form	04	35	2 50
Margaret (Gretchen). 8. Lovely globular flowers, outside delicate blush, inlaid blush-pink	04	35	2 50
Massachusetts. Clear and bright rose	04	40	2 75
Nautica. 5. Glowing cerise-rose, center dark violet, shaded bronze	04	35	2 25
Pride of Haarlem. 6. A grand Tulip. Immense finely formed flowers, brilliant salmon-rose, shaded apricot, blue center..1,000, $28.	05	45	3 00
Queen of Roses (Marcellus Emants). 8. Very fine; lilac-rose	05	45	3 00
Rev. H. Ewbank. 5. Beautiful silvery heliotrope, shading to dove-gray; a lovely shade	05	50	3 50

DARWIN TULIPS, continued

	Each	Doz.	100
Salmon King. 4. Rich, deep, glowing salmon, white center; handsome	$0 05	$0 50	$3 50
The Sultan (Joseph Israel). 6. Rich glossy maroon-black; grand bedder	03	30	2 00
Splendid Mixture.....per 1,000, $13..		30	1 75

Tulip Types

	Doz.	100
Bizarres. Flakings of crimson, black, brown, orange and scarlet on a lemon or golden yellow ground	$0 20	$1 50
Byblooms. Flakings of black, lilac, purple and violet on a clear white ground	20	1 50

Parrot, or Dragon Tulips

Gorgeous late-flowering Tulips, with petals cut and twisted and possessing remarkable color combinations. Very effective in beds and an artistic cut-flower.

	Doz.	100
Admiral Constantinople. Showy scarlet and orange	$0 25	$1 60
Cramoisi Brillant. Rich carmine, with black center	25	1 60
Lutea. Yellow, with green and yellow stripes	25	1 60
Perfecta. Golden yellow, blotched rich, deep scarlet; exceedingly brilliant	25	1 60
Markgraaf von Baden. Inside golden, and outside of petals are feathered and shaded scarlet, purple and green	25	1 60
Finest Mixed.....1,000, $10.50..	20	1 25

NARCISSI, or DAFFODILS

Many beautiful hybrids are being produced, and as stocks increase and prices moderate, the cataloguing of many beautiful new varieties will be permitted. A number of additions have been made to the present catalogue, and a trial of these will, we believe, afford much pleasure. Daffodils may be treated as advised for hyacinths; they are not particular as to soil and will thrive for a number of years in ordinary soil. They are, with few exceptions, suitable for naturalizing, and whilst preferring partial shade, will thrive in full sun exposure. They are very desirable for pot culture, three to five bulbs in a 5- or 6-inch pot producing an attractive plant. By planting in succession one or more varieties such a display may be enjoyed throughout the first three months of the year.

If to be mailed, add 10 cts. per doz. to Catalogue prices

Yellow Trumpet Daffodils

Varieties with yellow or primrose trumpets and perianth (petals) of same or lighter shade, not white.

	Each	Doz.	100	1,000
Ard Righ (Irish, or Yellow King, Early). Trumpet large, deep yellow, yellow perianth or petals. This variety should be planted in grass or shade	$0 05	$0 50	$3 50	
Emperor. Large, rich yellow trumpet, primrose perianth; fine for cutting. First size	04	35	2 25	$20 50
Double-crown bulbs	05	45	3 00	28 00
Excelsior. New variety of Golden Spur. A richer color; fine forcer	05	40	3 00	
Golden Spur. Native of the Netherlands. Large-lobed trumpets, rich, deep self-yellow, perianth large and spreading; early. Extra-fine bulbs. Is freer and more reliable than Trumpet Major. First size	04	35	2 25	20 50
Double-crown bulbs	05	45	3 00	28 00
Glory of Leyden. Trumpet yellow, perianth soft yellow. The largest of all trade varieties. Of perfect shape and great substance. Will be the leading variety as soon as well known	20	2 25		
Henry Irving. Bold golden yellow trumpet, with yellow, wheel-shaped perianth. Very fine and early. First-class for forcing.	04	35	2 20	20 00
Double-crown bulbs	05	45	3 00	28 00
Major (Trumpet Major). French-grown. Very early forcer. Christmas blooming	03	30	1 80	16 00
Trumpet Major. Dutch-grown. Single Van Sion. Golden yellow petals and trumpet. Free bloomers	04	25	1 50	12 00
Maximus. Deep golden yellow, perianth twisted; large, graceful flower	03	30	2 00	
Obvallaris (Tenby Daffodil). Early and distinct. Yellow trumpet and petals; fine for forcing	03	30	2 00	

Emperor Narcissus

Bicolor Trumpet Daffodils

The perianth white or light-colored, with yellow trumpet.

	Each	Doz.	100
Empress. Very large and beautiful white perianth; rich yellow trumpet.			
First size.....1,000, $20.50..	$0 04	$0.35	$2 25
Double-crown bulbs.....1,000, $28..	05	45	3 00
Grandis (Grandes). Large white perianth, long, straight yellow trumpet; late.....	03	30	1 75
Horsfieldi. White perianth, yellow trumpet...	04	35	2 25
Princeps. Sulphur perianth and yellow trumpet, long and showy; early and forces finely.			
First size.....	03	25	1 50
Double-crown bulb.....	04	35	2 25
Victoria. Large, erect flowers, creamy white perianth and rich yellow trumpet; forces easily. The earliest of Bicolors.....	04	35	2 25

White Trumpet Daffodils

Silvery white and pale cream-colored varieties.

	Each	Doz.	100
Albicans. Long primrose trumpet passing to white; recurved at brim; white perianth; free bloomer; strong grower.....1,000, $18..	$0 04	$0 35	$2 25
Wm. Goldring. (Swan's Neck Daffodil.) Snow-white perianth, drooping over the long primrose trumpet.....	03	30	2 00

Narcissus incomparabilis

Varieties of the Star or Cup section.

	Each	Doz.	100
Beauty. Large sulphur-yellow perianth, barred yellow; cup large, margined orange-scarlet; showy and fine; elegant for cutting...	$0 06	$0 60	$4 00
Cynosure. Large primrose perianth, changing to white, cup stained orange-red; very showy.	03	25	1 50
Sir Watkin. (Giant Welsh Chalice Flower.) Largest of the Incomparabilis varieties; fine for forcing; cup yellow, perianth primrose.			
First size.....1,000 $20.50..	04	35	2 25
Double-crown bulbs.....1,000, $28..	05	45	3 00
Stella Superba. Grand, clear white, spreading petals, yellow cup; excellent for cutting.....	05	45	3 00

Leedsii Narcissi

Eucharis-flowered or fragrant Star Narcissi, all having white perianth.

	Each	Doz.	100
Amabilis. Silvery white; long cup, at times tinged apricot; elegant.....	$0 03	$0 25	$1 50
Duchesse de Brabant. White perianth; canary-yellow cup.....	03	25	1 50

Paper White Grandiflora Narcissi

LEEDSII NARCISSI, continued

	Each	Doz.	100
Minnie Hume. (Queen of England). Large, white perianth, cup passing from fine lemon to white.....	$0 03	$0 25	$1 50
M. M. De Graaff. Long white perianth, orange-rose cup. Fine-flowering; extra fine for cutting.....	03	30	2 00
Mrs. Langtry. White perianth and white cup; largely used for forcing; free bloomer, often several stems to a bulb.....	02	20	1 50

Narcissus Barrii

Varieties of the Star Narcissus class. Very useful for pots, cutting or borders. Three to five bulbs may be planted in a 5-inch pot.

	Each	Doz.	100
Conspicuus. Large, spreading yellow perianth, fine scarlet cup; strong grower, fine blooming and durable cut-flower variety.....	$0 02	$0 20	$1 50
Flora Wilson. Sweet-scented; white cup, edged orange-scarlet; white perianth; a beautiful flower.....	06	60	4 00
Maurice Vilmorin. White perianth, with long scarlet cup.....	04	35	2 25

Poet's Narcissi and Hybrids

Under this heading are included also some handsome hybrid varieties of Poeticus.

	Each	Doz.	100	1,000
Almira (Edward VII). A large, beautiful white perianth variety; cup margined deep red.....	$0 05	$0 45	$3 00	
Biflorus. Pure white, yellow cup; two flowers on every stem.....	02	20	1 25	
Grandiflorus. Large pure white perianth, cup rimmed with crimson.....	04	35	2 25	
Ornatus. Native of France. Early; pure white cup, margined scarlet; forces very easily. First size.....	02	20	1 20	$9 00
Double-crown bulbs.....	03	25	1 50	12 00
Poeticus (Pheasant's Eye). Pure white perianth, cup edged saffron.....	02	15	75	6 00
Poetarum. Very beautiful; bright orange-scarlet cup, with pure white perianth.....	02	20	1 25	

Narcissus odorus (Jonquils)

Deliciously sweet, bright yellow-flowered varieties. The single varieties may be flowered by Christmas. Very easily grown and should be planted in quantity for cutting for their exquisite fragrance. Five or more bulbs to a pot or pan will form a graceful house subject.

	Each	Doz.	100	1,000
Odorus Campernelle. Very rich yellow, having several flowers to the stem.....	$0 02	$0 15	$0 80	$7 00
Odorus Campernelle rugulosus. Very large, bright yellow flowers.....	02	20	1 20	10 00
Jonquils, Double-flowered. Fragrant.	03	25	1 70	16 00
Jonquils, Single-flowered.....	02	15	80	7 00

Polyanthus Narcissi (Nosegay Daffodils)

This class is particularly adapted to winter and early spring flowering, some of the varieties being forced in immense quantities for early cutting. They are not hardy unless well protected. Like the Chinese Narcissi they may be grown in bowls, etc., of water and pebbles or in baskets, etc., of sphagnum moss.

PAPER WHITE GRANDIFLORA NARCISSI

Used in enormous quantities for early cut-flowers. Large heads of fragrant flowers. Readily grown in water or moss, like the Chinese Narcissi; very durable.

	Each	Doz.	100	1,000
First-size bulbs, 13 centimeters and up....	$0 03	$0 25	$1 60	$14 00
Extra-large bulbs, 14 centimeters and up..	04	35	2 00	18 00

WHITE-PETALED VARIETIES

Chinese Sacred Narcissus. (Joss Flower, or Flower of the Gods.) These are imported annually from China, and are popular everywhere for growing in bowls or water and pebbles, also forced for Christmas cut-flowers. Several flower-spikes are produced by each of the best-grade bulbs; flowers are mainly single, occasionally double-flowered, are white, orange-cupped and very fragrant. First-size bulbs, 10 cts. each, 25 cts. for 3; 90 cts. per doz., by mail $1.30; $6 per 100.

WHITE-PETALED POLYANTHUS NARCISSI, continued

	Each	Doz.	100
Elvira. A hybrid of Poeticus and Polyanthus that is hardy. Long stems bearing three to four flowers with golden yellow orange-edged cups; very good and desirable	$0 05	$0 45	$3 00
Gloriosa. White perianth and a glowing orange-yellow cup; early and showy	04	35	2 50
White Pearl. Almost pure white; very fine	05	45	3 00

YELLOW OR PRIMROSE-PETALED POLYANTHUS

	Each	Doz.	100
Bathurst. Yellow perianth with deep golden cup; dwarf and late	$0 05	$0 45	$3 00
Grand Soleil d'Or. Early and showy golden perianth, brilliant orange-cup	04	35	2 50

Double-flowered Narcissi

Some of these are useful for clumps and borders, and others for forcing and pot-plants. Perfectly hardy, except Double Romans.

	Each	Doz.	100	1,000
Alba plena odorata (The Double Poet's Narcissus). Large, double white, jasmine-scented flowers; hardy and fine for forcing	$0 02	$0 15	$0 90	$8 00
Orange Phœnix, or **Eggs and Bacon** (*Incomparabilis albus plenus*). Sulphur-yellow, crimson center	03	25	1 75	
Sulphur Phœnix, or **Codlins and Cream** (*Incomparabilis sulphureus plenus*). Double white, sulphur center; hardy	04	35	2 50	
Incomparabilis plenus (Butter and Eggs). Very double yellow flowers, orange-colored center	03	25	1 50	12 00
Double Roman Narcissus (*Papyraceus plenus*). A double-flowered form of the popular Paper White; flowers yellow and white. Very useful and early for pots or forcing; not hardy	03	25	1 50	
The Double Van Sion, or **Golden Yellow Daffodil** (*Telamonius florus plenus*) Is forced in great quantities for cut-flowers.				
First-size bulbs	03	30	1 80	16 00
Double-crown bulbs	04	45	3 00	27 00

Double Narcissus, Van Sion

Mammoth Crocus

CROCUS

One of the earliest spring-flowering bulbs. They produce fine effects, if planted promiscuously throughout the lawn or in shrubbery, especially if combined with *Scilla Sibirica*, Snowdrops or any of the early-flowering bulbs. They are likewise attractive when planted in rows of various colors in borders. Plant 3 inches deep, and at the same time you plant other varieties of bulbs outdoors. The named sorts are also very desirable for growing indoors for winter bloom, six or more bulbs may be planted in a pot or pan, placed in a cool situation, and when leaves appear they may be taken indoors. With successional planting a nice display may be had from December to spring. The bulbs may also be flowered in bowls or saucers in water with pebbles or may be grown in moss in balls, baskets, etc. For this purpose use the Mammoth Bulbs

Named Mammoth Crocus

	Doz.	100	1,000
WHITE. King of the Whites. Extra fine	$0 12	$0 85	$ 7 50
Mont Blanc. Large flower; pure white	12	85	7 50
Queen Victoria. Pure white	12	85	7 50
BLUE. Baron von Brunow. Purplish blue.	12	85	7 50
President Lincoln. Deep purple	12	85	7 50
Purpurea grandiflora. Rich deep purple	12	85	7 50
STRIPED. Albion. Violet-striped	12	85	7 50
La Majestueuse. Large flowers	12	85	7 50
Cloth of Silver. White, silver striped	12	85	7 50
Sir Walter Scott. White, striped purple	12	85	7 50
YELLOW. Mammoth Bulbs	15	1 00	9 00
First Size	12	85	7 50
Cloth of Gold. Golden yellow, striped brown	12	85	7 50

Named Crocus, Large Selected Bulbs

Of the preceding named varieties. Very satisfactory for planting. Sent postpaid at the dozen rates; add 25 cts. for postage per 100.

Mixed Crocus, Second-Size Bulbs

7 cts. per doz., 45 cts. per 100, $4 per 1,000. If to be mailed, add 15 cts. for postage per 100.
White, Blue-Striped and **Yellow Varieties**

Crocus, Autumn-Flowering

They are entirely hardy and worthy of extended use. Plant bulbs as early as possible and not too deep. May also be grown in pots.

	Each	Doz.	100
Speciosus. Blue	$0 04	$0 40	$2 75
Zonatus. Lavender	04	40	2 75

LILIES

For elegance of form and beauty the Lily is matchless among bulbous plants. Such varieties as are used for forcing should be potted as soon as the bulbs are obtainable. Plant bulbs in pots that are about twice the diameter of the bulbs; start them slowly, and as they advance toward the blooming period shift them to larger pots, setting them likewise deeper in the soil. For outdoor culture, plant the bulbs about 8 inches below the surface in soil that is well drained. We have seen excellent results from bulbs planted in stiff clay, but good soil is generally recommended, and when manured the same must not come in contact with the bulb. Planting among shrubbery where they are somewhat protected from the sun is very favorable to their best development. Mulch the beds both summer and winter as a protection against extremes of heat and cold.

Lilies and other bulbs marked with a star (*) will not be ready until the middle or latter part of October.

***Auratum.** (Golden-banded Lily.) One of the finest in existence. Flowers ivory-white, with central band of yellow and numerous purple spots; produces 4 to 12 flowers on a stem 3 to 4 feet high; 9 x 11 inches in circumference. 20 cts. each, by mail, 25 cts.; $2 per doz., $15 per 100.

***Batemanni.** Flowers in August and September. Very handsome glowing apricot-red flowers. 20c. each, by mail, 25c.; $1.75 per doz.

Candidum. (Ascension Lily.) Snow-white, bell-shaped and very fragrant flowers; desirable for forcing and for the garden. Ready in September. June-flowering. Mammoth bulbs, 20 cts. each, by mail, 35 cts.; $1.75 per doz., $12 per 100. Extra-large size, 15 cts. each, by mail, 20 cts.; $1.25 per doz., $9 per 100.

***Croceum.** Funnel-shaped, golden yellow flowers. 15 cts. each. $1.50 per doz.

***Elegans** (Thunbergianum). June- and July-flowering. A fine, robust variety of a rich blood-red tint; spotted. 15 cts. each, $1.50 per doz.

LAWN GRASS SEED.—If you desire a perfect lawn, use our **Evergreen Lawn Seed.** See inside front cover for same and for directions how to make a lawn.

Longiflorum Formosum. Grown on the Island of Formosa and said to be entirely free from disease; blooms even earlier than the Harrisii. September.

	Each	By mail, ea.	Doz.	100
7 x 9 in. circumference	$0 15	$0 18	$1 50	$10 00
9 x 10 in. circumference	20	25	2 00	15 00

Longiflorum giganteum. Stems black; later than Multiflorum; flowers of more substance. September.

	Each	By mail, ea.	Doz.	100
7 x 9 in. circumference	$0 15	$0 18	$1 25	$ 9 00
9 x 10 in. circumference	20	25	2 10	16 00

Longiflorum multiflorum. Pure white, trumpet-shaped flowers for pot culture as well as for outdoor planting, being quite hardy.

	Each	By mail, ea.	Doz.	100
7 x 9 in. circumference	$0 12	$0 15	$1 15	$8 00
9 x 10 in. circumference	15	20	1 70	12 00

Harrisii (Bermuda Easter Lily). Not hardy. Large, pure white, trumpet-shaped flowers. Used entirely for indoor-growing. Bulbs now ready. Plant at once for early bloom. August.

	Each	By mail, ea.	Doz.	100
5 x 7 in. circumference	$0 10	$0 12	$0 85	$6 00
7 x 9 in. circumference	20	25	1 70	12 00
9 x 11 in. circumference	40	45	4 00	

Lilium speciosum album

***Pardalinum.** Scarlet, shading to yellow, spotted purple. 15 cts. each, $1.50 per doz.

***Speciosum.** The hardiest class of Lilies and of the easiest culture. Flowers beautiful and distinct; valuable for permanent beds and suitable for pot culture.

***Speciosum album.** Pure white, with greenish band running through the center of each petal; very fragrant. 9 x 11 in. 25 cts. each, by mail, 30 cts.; $2.50 doz., $18 per 100.

***Speciosum Melpomene.** Large, rich blood-crimson flowers, heavily spotted. 9 x 11 in. 18 cts. each, by mail, 23 cts., $1.75 per doz., $13 per 100.

***Speciosum roseum** or **rubrum.** White, shaded with deep rose and spotted red. 9 x 11 in. 18 cts. each, by mail, 23 cts.; $1.75 per doz., $13 per 100.

***Superbum** (Carolinianum). An elegant native summer-flowering variety. Brilliant orange-red, with claret-colored spots; 6 to 20 flowers on a 4- to 6-ft. stem. A Turk's Cap variety with larger flowers than the type. 15 cts. each, $1.50 per doz.

***Tigrinum flore plenum.** Double orange flowers, spotted black. 8 cts. each, 75 cts. per doz., $5 per 100.

***Tigrinum splendens.** Rich scarlet, with dark spots. 8 cts. each, 75 cts. per doz., $5 per 100.

AMARYLLIS

Remarkably handsome flowers, they thrive best in pots of well-drained, rich, sandy loam, and require but little water until they show flower-buds.

If by mail, add 5 cts. for each bulb

	Each	Doz.
Belladonna major. Flowers large, white, delicately shaded pink or light purple. Strong bulbs	$0 15	$1 50
Formosissima (Jacobæan Lily). Brilliant crimson flowers. This variety can also be grown in water like the hyacinth	15	1 50
Johnsoni (Spice Lily). Flowers dark crimson, with white stripe down the center of each petal	25	2 50
Vittata Hybrids. Finest race in cultivation, exceeding in size and form of flowers all others, as well as a diversity of colors and markings	35	3 50

ALLIUMS

Are excellent for borders, etc. They are showy and easily grown.

	Each	Doz.	100
Azureum. Handsome, intense blue flowers. Height 2 feet	$0 05	$0 50	
Moly luteum. Bright yellow flowers in June, in large, handsome heads	05	50	
Neapolitanum. A variety largely forced for its fragrant white flowers.....1,000, $7	02	15	$1 00

ANEMONES

Most beautiful and many-colored flowers; fine for forcing. The hardy varieties should be planted in partially shady situations. The varieties not hardy may be planted in pots and placed in coldframes and transplanted to the garden in spring.

	Each	Doz.	100
Coronaria, Double Mixed	$0 03	$0 25	$1 50
Coronaria, Single Mixed	02	15	1 00

ARUMS

Curious and ornamental plants allied to the Calla Lily.

	Each	Doz.
Cornutum. Known as Monarch of the East. Handsome foliage, with marbled stems; flowers are red, spotted black; palm-like foliage. In a warm room it will flower without the aid of soil or water	$0 15	$1 50
Sanctum (The sacred Black Arum from Lebanon). Flowers velvety black inside and olive-colored outside.	15	1 50

BABIANA (Baboon-root). Color ranges from blue to crimson-magenta; foliage hairy; dwarf habit; flowers durable. 5 to 6 or a 5-inch pot. Form nice plants for decoration. Best mixed, 3 cts. each, 30 cts. per doz., $2 per 100.

BEGONIA, TUBEROUS

(NOVEMBER)

Very handsome for pot culture as well as for the garden.

	Each	Doz.	100
Single Light Red, Dark Red, Salmon, Rose, Yellow, Scarlet, White and **Mixed**	$0 05	$0 55	$4 00
Double Dark Red, Rose, Yellow, White, Scarlet, Orange, Salmon and **Mixed**	08	80	6 00

CRESTED, OR BEARDED BEGONIAS, MIXED

A new strain in which some of the petals are crested; the fleshiness of the petals tends to keep florets open continually until they drop from old age. Strong growers. Petals are distinctly fringed, adding greatly to their appearance.

	Each	Doz.	100
Single Mixed	$0 05	$0 55	$4 00
Double Mixed	10	1 00	7 00

CRISPA, SINGLE FRINGED BEGONIA

Flowers beautifully fringed; stems are well erect. They should be generally grown. White, Rosy White, Cream, Delicate Rose, Cherry-Red, Chamois, Scarlet, Carmine, Purple, Red, in Mixture. 5 cts. each, 55 cts. per doz., $4 per 100.

Dicentra spectabilis

Tuberous Begonias

BULBOCODIUM vernum (Spring Colchicum). Very early-flowering, appearing before the Crocus. Rosy purple flowers. 4 cts. each, 30 cts. per doz., $2 per 100.

CYCLAMEN Persicum giganteum. Desirable for pot culture, house and conservatory decoration. Flower a long time. Large-flowered strain; rich colors and of neat habit. Rose, Red, White. 15 cts. each, $1.50 per doz.

CALLA

One of the most satisfactory and easy-growing bulbs for pot culture and forcing. They require rich soil and abundant moisture during their flowering season. After their flowering season is past, allow them to dry off and remain dormant part of the year.

	Each	By mail ea.	Doz.	100
Æthiopica (Lily of the Nile). The old favorite Calla Lily. Mammoth Bulbs, 6 x 7½ in. cir	$0 25	$0 35	$2 50	$20 00
First-size Bulbs, 4½ x 6 in. cir	15	20	1 50	11 00

Alba maculata. Beautifully spotted leaves. Flowers small and white. This variety is better adapted for planting in the garden in the spring. 10 cts. each, $1 per doz., $8 per 100.

Elliottiana. A beautiful variety from South Africa, with a broad trumpet-like tube of a very rich pure yellow, leaves spotted with white. A splendid acquisition to this popular bulb. 25 cts. each, $2.50 per doz.

CHIONODOXA (Glory-of-the-Snow)

Very early and beautiful spring flowers, blooming at times ere the snow has disappeared. Also fine for pot culture.

Gigantea, or **Grandiflora.** Twice the size of Luciliæ. Large lilac-blue flowers, white center. 2 cts. each, 20 cts. per doz., $1.25 per 100.

Luciliæ. Bright blue, with large white center. 2 cts. each, 15 cts. per doz., $1 per 100.

Sardensis. Intense deep blue, fine for masses. 2 cts. each, 15 cts. per doz., $1 per 100.

CROWN IMPERIAL (Fritillaria). Stately, hardy, spring-flowering plants, with pendent flowers in large umbels, surmounted by a crown of leaves. Succeed well in any garden soil. Mixed varieties, 15 cts. each, $1.50 per doz.

DICENTRA (Dielytra) spectabilis. Bleeding Heart, or Lyre Flower (November). A beautiful plant for the borders, and elegant as a pot-plant for the house. The foliage is neat and the cut branches are lovely. Beautiful pink and white flowers, heart-shaped. 15 cts. each, $1.50 per doz., $10 per 100.

If you desire a perfect lawn, use our Evergreen Lawn Grass Seed, see inside of front cover

ERYTHRONIUM (Dog's-tooth Violet). These prefer a partially shaded and moist situation. Plant them in soil 6 to 12 inches deep, the lighter the soil the deeper. Variegated foliage and cyclamen-like flowers. All colors mixed. Large-flowering. 2 cts. each, 20 cts. per doz., $1.25 per 100.

FRITILLARIA Meleagris (Guinea Hen Flower). Produces in spring curious bell-shaped flowers with odd markings; fine for naturalizing. Mixed varieties. 2 cts. each, 15 cts. per doz., $1 per 100.

Freesia

FREESIA

Very desirable for pot culture. Early-planted bulbs (six to eight in a 4-inch pot) may be flowered by New Year. Give plenty of water when well established.

	Each	Doz.	100	1,000
Refracta alba. Pure white flowers, with yellow-blotched throat; very sweet.				
Mammoth bulbs	$0 04	$0 30	$1 80	$16 00
First-size bulbs	02	15	1 10	10 00
Purity. A pure white-flowered variety of large size and free-flowering.				
Mammoth bulbs	05	40	3 25	25 00
First-size bulbs	04	35	2 70	25 00
Red Freesia (*Anomatheca cruenta*). A pretty Freesia-like plant for pot culture, with bright scarlet flowers, spotted crimson	02	20	1 50	

A fine lawn may be had by planting our EVERGREEN LAWN SEED in September. See 2d cover page.

GLADIOLI

(Cardinalis, or Nanus Varieties)

These beautiful, early-flowering and dwarf forms of Gladioli are admirable for forcing for cut-flowers, and also elegant plants in pans for decorative work. They are very floriferous, strong bulbs, producing three to four flowering spikes. The flowers are elegant in their markings, and like the larger forms may be cut in bud state. They can be planted outdoors quite early and will bloom abundantly, July to September. In all of these varieties the lower petals are beautifully blotched. An elegant race.

	Each	Doz.	100
Ackermanni. Orange-carmine, white blotched	$0 03	$0 25	$1 60
Blushing Bride. Light, almost white, crimson blotch, at times four and five flower-spikes ..... $11 per 1,000	02	20	1 25
Peach Blossom. Lovely, and well-named as to color. One of the earliest and finest varieties for forcing ..... $16 per 1,000	04	30	1 75
Colvillei (The Bride). A very nice, pure-white, suitable for forcing and also splendid for outdoors ..... $8 per 1,000	02	20	1 25
Mathilda. White, shaded lilac, blotched sulphur, bordered lilac ..... $12 per 1,000	03	25	1 50

GALANTHUS (Snowdrops)

Very early-flowering. May be planted with *Scilla Sibirica*, Crocus, Winter Aconite, etc. For permanent planting, place in a partially shaded situation. A small percentage of double flowers will be found amongst the singles, and vice versa.

	Each	Doz.	100
Nivalis. Single-flowering .... $6.50 per 1,000	$0 02	$0 15	$0 75
Nivalis flore pleno. Double-flowering ..... $11 per 1,000	03	25	1 50
Elwesii (Giant Single Snowdrop). One of the largest ..... $6.50 per 1,000	02	15	75

GLOXINIAS, Choicest Mixed. Very nice for house culture. Plant in a 4-inch pot in light, sandy soil, shift to larger pot as required. Loves warmth and moisture, but keep leaves dry. Bloom for long time. 8 cts. each, 80 cts. per doz., $6 per 100.

GRAPE, PLUME, or FEATHERED AND MUSK HYACINTHS

All of these are classed under Muscari, a numerous family, many closely resembling each other. A few very desirable hardy ones are listed, beautiful for the garden and elegant for growing in pots, bulb-pans, etc.

	Doz.	100	1,000
Grape Hyacinth, Blue. Very rich, bright blue	$0 10	$0 70	$6 00
White. Lily-of-the-Valley-like	15	90	8 00
Plume, or Feathered Hyacinth. Plume-like, mauve-colored heads	20	1 25	

Hyacinthus candicans (Galtonia). Summer-flowering Hyacinth, growing from 3 to 5 feet high, with spikes of beautiful blush-white flowers. 5 cts. each, 50 cts. per doz., by mail, 60 cts.; $3.50 per 100.

IXIAS (Corn Lilies)

Graceful plants, bearing on wiry stems a beautiful variety of richly colored blossoms in many shades of pink, red and yellow. Nice for pot culture.

Large-flowering, Best Mixtures. 15 cts. per doz., 75 cts. per 100, $5 per 1,000.

IRISES

A very large family of bulbous and rhizomatous plants popularly known as the "Poor Man's Orchids." Like the orchids, their colors are rich, varied and beautiful. There is much diversity in their character, habits, cultural needs, etc., yet most of them are easily cared for.

SPANISH IRIS

Of these, millions are grown yearly for cut-flower use. They are elegant in coloring, are artistic and very durable in a cut state. We offer *choice selected bulbs* of the named varieties.

WHITE

	Each	Doz.	100	1,000
Blanche Fleur (Snowball). A very good white; reliable bloomer	$0 02	$0 12	$0 75	$6 50
British Queen. Pure white, gold blotched; tall	02	12	75	6 50

SPANISH IRIS, BLUE

	Each	Doz.	100	1,000
Count of Nassau (King of the Blues). A strong-growing, early blue; very good	$0 02	$0 12	$0 75	$6 50
Louise (Perle d'Amour). A very delicate lilac, at times veined lavender	02	12	75	6 50

YELLOW

Cajanus. A large, handsome, rich, clear yellow; tall	02	12	75	6 50
Chrysolora (William III). Deep yellow; fine sort	02	12	75	6 50
SUPERFINE MIXTURE OF FIRST-GRADE BULBS		10	60	5 00

Various Bulbous Irises

(NOVEMBER)

	Each	Doz.	100
Alata (Scorpion Iris). Only recommended for pot culture. If potted in the early fall, will flower in November to December; pale blue	$0 10	$1 00	
Anglica. Resembles the Spanish Iris, but has larger flowers and blooms later; they have quite a wide range of colors. Choice Mixed	03	25	$1 50
Anglica, Mt. Blanc. Pure white. Splendid for cutting	04	35	2 50
Filifolia. A grand variety for forcing. Large, sky-blue and substantial flowers; strong stems	06	50	
Juncea. Brilliant golden yellow; very showy and nice for cutting; flowers are fragrant. This prefers a warm, dry situation, should be lifted after flowering and replanted	06	50	
Pavonia (**Moræa**). Peacock Iris. Pure white, blotched celestial-blue; very showy; preferable for pot culture	03	30	1 50
Reticulata. A very desirable variety for pots or the garden. If potted early, will bloom in January. The flowers are rich purple and gold; violet-scented	15	1 25	9 00

Iris Kaempferi (The Japanese Iris)

(NOVEMBER)

Very handsome, summer-flowering varieties, blooming from June to August. They prefer rich, moist soil, but will thrive in any fair soil. Very large flowers that will give a magnificent display.

12 Choice Single-flowered Varieties. Large clumps. 25 cts. each, $2.50 per doz., $15 per 100, set of 12, $2.50.

Spanish Iris

Iris Kæmpferi

LILY-OF-THE-VALLEY

(NOVEMBER)

For forcing, plant about twelve pips in a 6-inch pot, keeping the crown above the soil; place in a temperature of about 80 degrees, covering the pots with moss; keep them moist continually. They should flower in 3 or 4 weeks from time of planting. For the garden we have the clumps as well as the pips. They should be planted in masses, partially shaded and moist locations. Plant the single pips 4 inches apart; they will increase rapidly and form one mass.

Perfection Brand, Extra Select Early Forcing. Strong pips. Bundle of 25 pips, 75 cts., $2 per 100, $18 per 1,000; cold-storage pips, $2.50 per 100, $20 per 1,000.

Large, Strong Clumps. For planting outdoors. 25 cts. each, $2.50 per doz., $20 per 100.

LEUCOJUM vernum Carpathicum (Spring Snowflake). A strong-growing variety, with flowers tipped canary-yellow. 3 cts. each, 25 cts. per doz.

MONTBRETIAS

Very elegant, hardy bulbous plants that should be more popular. They flower very freely during July and August, and are very nice for cutting, lasting well and being effective; also useful as a house plant.

	Each	Doz.	100
Crocosmæflora. Branched spikes of large, showy, brilliant red flowers, shaded yellow	$0 02	$0 15	$1 00
Drap d'Or. Rich, deep golden yellow, shaded apricot	02	20	1 25
Etoile de Feu. A large, brilliant flower, intense vermilion, shaded orange	02	20	1 25

ORNITHOGALUM Arabicum (Star of Bethlehem). Pure white flowers, with glossy black center; showy and easily grown; also useful for pots. 5 cts. each, 40 cts. per doz.

LAWN GRASS SEED.—If you desire a perfect lawn, use our Evergreen Lawn Seed. See inside of front cover for same and for directions how to make a lawn.

Spirea, Gladstone

OXALIS

Valuable for winter flowering, elegant for pots and baskets. 6 to 10 bulbs may be planted in a pot.

	Doz.	100
Bermuda Buttercup. Very good for winter flowering, being free and continuous; pure bright yellow flowers.....3 for 5 cts...	$0 15	$1 25
Bowei. Brilliant carmine-rose.....3 for 5 cts...	15	1 00
Grand Duchess. Dwarf variety of great beauty. Flowers large and thrown well above the foliage. Lavender, Pink and White and Yellow..... Each, or Mixed, 3 for 5 cts...	15	1 25

PEONIES (NOVEMBER)

One of the most durable and satisfactory hardy plants; once planted, they may be enjoyed for years. Plant in good, deep, rich soil.

	Each	Doz.
Double Pink	$0 20	$2 00
Double Scarlet	15	1 50
Double White	20	2 00

IF YOU DESIRE A PERFECT LAWN, USE OUR EVERGREEN LAWN GRASS SEED

Oxalis, Bermuda Buttercup

RANUNCULUS, French Turban and Persian. Very showy, ranging through many shades of color. They flower profusely in pots and frames in the spring of the year. Plant 3 to 4 inches apart with the claws of the tuber down; cover with sand and sufficient soil that the crowns are 3 inches below the surface. 10 cts. per doz., 75 cts. per 100.

SCILLAS

Very hardy and beautiful class of bulbs; desirable for house and garden. Charming in all respects. Early-flowering varieties.

	Each	Doz.	100
Bifolia. Very early, dwarf variety, blooming in advance of all other sorts. Mixed blue, rose, and white.....	$0 02	$0 20	
Sibirica. Intense, brilliant blue; spikes of large flowers.....$9 per 1,000	02	15	1 00
Maxima alba. Beautiful pure white bells; large spike.....	03	25	
Excelsior. Very large blue flowers.....	03	30	

Peonies

SPARAXIS. Ixia-like flowers, very gorgeous in color; dwarf habit very nice; extra-fine mixture. 2 cts. each, 15 cts. per doz., 75 cts. per 100, $6 per 1,000.

SPIREAS (NOVEMBER)

A very hardy class of plants, extensively grown as pot-plants for Easter and spring sale. They are very showy; flowers are borne in large pyramids of feathery panicles of pink and white. Handsome foliage. These large roots can be sent by express only.

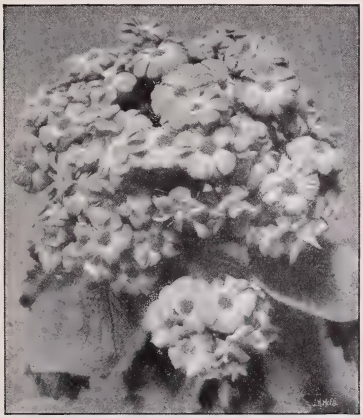
	Each	Doz.	100
Astilboides floribunda. A popular market variety; large heads of white flowers.....	$0 15	$1 25	$8 00
Gladstone. A fine improved free-flowering white variety, forming immense plants with large plumes on long stems; elegant.....	18	1 85	12 00
Peach Blossom. A very pretty light pink. New, and not tested thoroughly.....	20	2 00	15 00
Queen Alexandra. The best of the pink varieties for forcing; in great demand.....	25	2 50	18 00

MISCELLANEOUS SEEDS

For Greenhouse Sowing

For complete list of **Flower Seeds** see **Spring Catalogue** for 1912. Our General Catalogue for the coming season will be ready early in January, 1913. If not received in due time, same will be sent on application.

The early fall months are opportune for sowing seeds of many of the popular **Bedding** and **Decorative** plants. Seedlings potted at this season can be grown on slowly to produce sturdy, vigorous stock, some varieties available for winter and early spring use, whilst others may be held in semi-dormant condition until the warm rays of the sun in March force a renewal of growth. Many varieties of above plants, held quite dry and pot-bound, may be wintered in a surprisingly low temperature and yield quality and early effects not obtainable from late sowings.



Cineraria hybrida grandiflora

CINERARIA HYBRIDA GRANDIFLORA

A very distinct and showy window plant, blooming at a season when its magnificent crown of brilliant velvety flowers is most appreciated. Our stock is from splendid strains of large-flowering varieties.

	Pkt.
Large-flowering Superb Mixed	$0 50
" " **Semi-dwarf Superb Mixed**	50
Matador. Scarlet-red; surpassing all other shades in brilliancy. Entirely new color	50
Stellata (Star Cineraria). Large panicles of star-shaped flowers in various colors	25
Radiata (Cactus-flowered Star Cineraria). Flowers with curled and twisted petals. Fine for cutting	25

STOCKS, BROMPTON (Nice)

A new, early class that may be treated as the Ten Weeks Stocks. Equally serviceable as a winter- or summer-flowering variety. They are of rapid growth and great durability and deliciously fragrant. Summer-sown seed will bloom in eight to ten weeks, spring-sown in about four months; 60 to 75 per cent of seed producing double flowers.

	Pkt.
Almond Blossom. Tender, pale carmine. Most charming	$0 15
Beauty of Nice. Pink	15
Monte Carlo. A new and beautiful canary-yellow	15
Queen Alexandra. Clear rosy lilac	15
Vesuvius. New. Deep blood-red flowers; very large and double.	15
Mt. Blanc. Lovely pure white; recommended for cutting	25

CYCLAMEN GIGANTEUM

Very valuable for winter and spring blooming; large and handsome. Our strains are the very best obtainable.

Giant Deep Crimson, White with red eye, Pure White, Pink, Deep Rose and **Mixed.** Each, per pkt., 25c.; per 100 seeds, $1; 1,000 seeds, $8.

WINTER-FLOWERING SWEET PEAS

A very desirable class for greenhouse use, being early and continuous bloomers. Also early outdoors, but surpassed in size and quality by other varieties. Sow from August to October for early and succession. New crop seed ready in August.

	Pkt.	Oz.
Christmas Captain. An early Captain of the Blues	$0 10	$0 25
Christmas Meteor. Scarlet	10	25
Christmas Pink. Earliest of all pink and whites	10	25
Denzer, Florence. Early white	10	25
Dolansky, Mrs. J. F. Daybreak-pink	10	25
Earliest of All. Pink and white	10	25
Earliest White. Pure white	05	10
Extra-early Blanche Ferry. Pink	05	10
Le Marquis. Dark blue	10	25
Sim, Mrs. Wm. Salmon-pink	10	25
Smalley, Mrs. W. W. Satin-pink; of good color	10	25
Totty, Mrs. C. H. Lavender-blue	10	25
Wallace, Mrs. Alex. Lavender, retaining color perfectly	10	25
Wild, Mrs. E. H. Carmine-red	10	25

Winter-flowering Sweet Peas

MISCELLANEOUS SEEDS FOR GREENHOUSE SOWING, continued

Mignonette

	Pkt.
Abutilon hybridum maximum. These flower any time of the year under glass; very showy	$0 25
Acacias. Several handsome varieties; fine foliage and sweet-scented	10
Alonsoa albiflora. White; useful for pot culture during autumn and winter	05
Aloysia. Lemon Verbena	10
Angelonia grandiflora alba. Aromatic; good winter bloomer and fine pot-plant	25
Asparagus plumosus nanus. Greenhouse-grown	
100 seeds, 90c	25
Sprengeri 100 seeds, 50c	10
Begonia Erfordia. Carmine bedder (All of the Semperflorens type are fine for bedding.)	25
Pfitzer's Triumph. Snow-white	25
Vernon	15
Dwarf Vernon	25
Vulcan	25
Browallia (Speciosa major). Beautiful pot-plant; perpetual bloomer	25
Capsicum, Little Gem. Elegant decorative pot-plant, with ornamental fruit	05
Carnations, Chabaud. Fine quality, double	25
Marguerite (Earliest strain; blooms within four months)	10
Giant Marguerite	10
Perpetual. 80 per cent double; mixed	10
Cuphea ignea (Cigar Plant)	25
Cyperus alternifolius. Neat foliage plant	10
Dahlia, Cactus. Finest mixed; double	10
Single. Large; single mixed	05
Dracæna indivisa (Elegant, narrow-leaved foliage plants; easily grown)	10
Veitchii	10

	Pkt.
Fern Spores. Clean seed; greenhouse varieties, mixed	$0 25
Geranium Zonale. Superba strain	10
Gerbera Jamesoni hybrida (Transvaal Daisy)	25
Impatiens Holstii Hybrids. Many shades; large flowers	25
Sultani Hybrids. New varieties	25
Lantana Pictavi Hybrids. Dwarf varieties; free and desirable.	15
Lobelia Hamburgia. For hanging baskets	25
Mimosa pudica (Sensitive Plant)	05
Musa Ensete (Banana Plant)	25
Religiosa. Dwarf and compact form	25
Mignonette, Bismarck. Large-flowering	10
Goliath. Giant spikes	10
Defiance. Large spikes	10
Nemesia. Treat these like cinerarias. Fine for pot-plants for spring or for bedding.	
strumosa nana compacta	25
Nemophila insignis. Blue and white; elegant for spring pot-plants	05
Nierembergia gracilis. Neat for baskets or boxes	10
frutescens. Large flowers; nice pot-plants	05
Salvia patens. Lovely deep blue	25
splendens, Bonfire. A dwarf Splendens	10
Zurich. Early and good	15
Smilax.	25
Scabiosa. The annual varieties sown in early fall; form very neat pot-plants ... oz., 40 cts.	05
Solanum nanum (Jerusalem Cherry)	05
Vinca, Rose-colored, White and **White with Crimson Eye.** Excellent bedders; profuse-flowering ... each, 10c	
Wallflower. Sweet-scented and fine for cutting	25

Scabiosa

Miscellaneous Seeds for Greenhouse and Garden

A large variety of blooming plants for next spring may be produced by *sowing now* in coldframes or protected quarters. Sow as early as possible to secure sturdy plants before the advent of cold weather; these may then be readily wintered and give early bloom the coming season. This applies to all such popular plants as Daisies, Pansies, Foxgloves, Hollyhocks, Oriental, Iceland and other Poppies, Myosotis, etc.

PANSIES (Heartsease)

(*Viola tricolor maxima*)

We wish to call special attention to our large assortment of Pansy seed, which includes all famous and distinct large-flowering strains, and in separate colors all of the most desirable shades and blendings. The collection is quite complete, and contains the finest and purest strains obtainable.

Finest Show Pansies

	Pkt.	⅛oz.
BECKERT'S SUPERB MIXTURE. Our own blending of Show and Giant Varieties . . **Oz., $6** . .	**$0 25**	**$0 80**
Andromeda. New rosy lavender	25	
Bugnot's Large Blotched. Large, superb flowers, with broad blotches, the two petals finely lined in great diversity of rarest colors	25	75
Cassier's Superb Strain, Mixed. Large, round flowers, the petals overlapping and often frilled; colors rich and varied	25	75
Cassier's Bridesmaid. Flowers very large and of fine form. Ground color rosy white, strikingly setting off the dark blotches of the center	25	75
Eros. Velvety brown, yellow border	25	75
Hercules Giant. Flowers of enormous size and heavy texture, in a wide range of colors and markings, in very rich tints of carmine, brown and purple, with delicate shadings of contrasting colors. Many are margined with cream, rose, white or red. Others, again, are blotched	25	75
Masterpiece (Germania). Every petal is conspicuously undulated and curled. There are also found in this Pansy some lovely tints of color not met with in other Pansies. Very large	25	75
Orchid-flowered. The upper petals stand upright and are laid out in small folds; colors of the finest shades.	25	75
Orchidæflora, Sunlight. New; yellow; orchid-flowered	25	75
Triumph of the Giants. Robust, compact, round bushy plants with large foliage. The imposing five-spotted flowers on long, vigorous stalks surmount the foliage in a most graceful manner. Of enormous size, perfectly round form, original structure and unusual substance. The borders of the petals are conspicuously undulated and curled presenting a striking appearance entirely new to this class of plants	25	

Giant Trimardeau Pansies

Beautiful class of vigorous and compact growth. Flowers of largest size.

Adonis. Light blue.
Atropurpurea. Fine dark purple.
Emperor Francis Joseph. White, violet spots.
Emperor William. Ultramarine blue.
Freya. Silver-edged.
Golden Queen. Pure yellow.
Golden Yellow. Dark eye.
Hortensia. Shades of rose.
Indigo King. Very fine.
King of the Blacks. Very dark.
Light Blue. Pale blue.
Lord Beaconsfield. Lavender and purple.

GIANT TRIMARDEAU PANSIES, continued

Madame Perret. All shades of red. Fine.
Parisian. Mostly white grounds, blotched.
Peacock. Ultramarine-blue. Upper petals claret-red.
Prince Henry. Darkest blue.
Striped. Striped, mottled and flaked.
Snow Queen Snowflake. Satiny white.
White. With violet eye.

Each of the preceding Giant varieties, or a mixture of all of them, pkt. 10 cts., ¼oz. 60 cts., oz. $2.25

New Tufted Pansies

(*Viola cornuta mirabilis*)

A first-class novelty. Flowers 1 to 1½ inches in diameter, on long stiff stems. All hues from purest yellow to brightest scarlet, and from the most delicate rose to the darkest purple. Flowers have three to five dark blotches and are frequently margined with a yellow or whitish band. The strain comes true from seed.

	Pkt.
Admiration. Large, dark blue	$0 10
Ardwell Gem. Large primrose	25
Perfection. Light blue; large and a constant bloomer	10
White Perfection. Large-flowered; white	10
Mixed	10

	Pkt.
Acanthus latifolius. Beautiful glossy foliage	$0 10
Aconitum (Monk's Hood). Blue	05
Pyrenaicum. Clear yellow; distinct	10
Adonis vernalis. Ox-eye. Showy yellow	05
Alyssum saxatile citrinium. Pale yellow	05
Anemone, Double Chrysanthemum. Many shades of color.	10
Antirrhinum, Giant-flowering Snapdragon. Colors or mixed	10
Large-flowering Dwarf. Many colors	10

	Pkt.
Antirrhinum, Queen of the North. White and fragrant	$0 10
Aquilegia. Long-spurred hybrid	15
Californica hybrida. Red spurs; yellow-mouthed	10
cærulea. Violet-blue and white	10
cærulea hybrida. Long-spurred hybrids	10
chrysantha. Waxy yellow; free	05
chrysantha flore pleno. Double yellow	10
chrysantha grandiflora alba. White-spurred	10

MISCELLANEOUS SEEDS FOR GREENHOUSE AND GARDEN, continued

	Pkt.
Aquilegia vulgaris flora plena. Double varieties mixed	$0 05
Aster, Perennial (Michælmas Daisy). **Mixed.** Large flowers.	10
Bellis perennis. The popular Daisy.	
Giant Double Red	10
Giant Double Rose	10
Giant Snowball. Double white	10
Giant Mixed	10
The Bride. New; very large; pure white	15
The Bridegroom. New; very large; deep rose	15
Campanula Carpatica (Harebell)	05
Medium (Canterbury Bells)	05
Medium calycanthema. Cup-and-Saucer varieties	10
persicifolia grandiflora. Peach Bells	15
pyramidalis (Chimney Bellflower)	05
Candytuft Gibraltarica. White and purple	10
sempervirens. White; evergreen	10
Coreopsis grandiflora compacta. Large yellow	05
grandiflora. Deep yellow; distinct	10
Chrysanthemum leucanthemum.	
maximum (Shasta Daisy). Large white	10
maximum, California (Shasta Daisy). Cream-white	10
Delphinium Cashmerianum. Pale blue	15
formosum. Dark blue; white eye	05
formosum cœlestinum. Pale blue	15
Kelway's Hybrids. A high-class strain	25
Large-flowering Blue	05
Large-flowering White	05
Dianthus barbatus (Sweet William). **Single Mixed.** Large.	05
barbatus, Holborn Glory. Flowers white-eyed	10
barbatus, Double Mixed	10
plumarius (Pheasant's Eye). Pink	10
semperflorens (Garden Pink). **Mixed**	10
semperflorens fl. pl. (Garden Pink). Double	10
semperflorens fl. pl., Dwarf. Pink; dwarf	15
Digitalis, Gloxinia-flowered. Large flowers	05
grandiflora. Mixed	05
maculata superba. Spotted; mixed	10
monstrosa. Monstrous	10

Delphinium

	Pkt.
Erigeron hybridum. Pink and rose	$0 10
Gaillardia grandiflora. Crimson-orange and yellow	10
grandiflora compacta. Fine compact varieties	10
grandiflora semiplena. Large semi-double	10
grandiflora, Kelway's Hybrids. A fine strain	10
Geum atrosanguinem. Scarlet	10
Gypsophila paniculata. White	05
Grasses. Ornamental and useful for cutting.	
Andropogon argenteum (Silver Grass)	05
Arundo donax variegata	10
Erianthus ravennae	10
Eulalia zebrina	10
Stipa pennata	05
Helianthus (Perennial Sunflower)	10
Heliopsis Pitcheriana. Deep yellow	10
Hollyhocks, Chater's Double Mixed ¼oz., 50 cts.	10
Allegheny Fringed oz., $1.	10
Double Canary, Crimson, Dark Rose, Pink, Salmon, Scarlet, White and **Mixed** oz., $1.40	10
Lavandula vera (Sweet Lavender)	05
Lathyrus latifolius. Everlasting Pea. White and pink oz., 30 cts.	10
Linaria cymbalaria (Kenilworth Ivy)	05
Larkspur. See Delphinium.	
Lobelia cardinalis grandiflora. Intense scarlet	25
Lupinus polyphyllus roseus. Lovely rose-pink	10
Haageana hybrida. Many shades	10
Myosotis (Forget-me-not)	
alpestris grandiflora, Victoria. Blue	10
Œnothera	05
Pentstemon, Sensation. Splendid strain	10
Phlox decussata. Dwarf herbaceous	25
Platycodon (Chinese Bellflower)	10
Papaver alpinum (Alpine Poppy). Very nice dwarf varieties.	10
bracteatum. Large, deep red	10
nudicaule (Iceland Poppy). Many shades	10
Orientale. Large, brilliant red	10
Orientale, New Hybrids. Many new colors	10
Primula auricula. Storries' Nondescript	25
denticulata Cashmeriana grandiflora	25
Japonica. New hybrid	25
veris grandiflora (Cowslip)	25
vulgaris (English Primrose)	10
Pyrethrum, Double Hybrids, Mixed	25
Single Hybrids, Mixed	10
Rosemary (Sweet Rosemary)	05
Scabiosa Caucasica. Pale blue	10
Caucasica, Diamond, or **Mauthneri.** Very deep blue; fine	25
Stokesia cyanea. Dwarf blue	10
Silene orientalis. Dark rose	10
Sweet Rocket (Hesperis)	05
Valeriana, Mixed. Nice for cutting	05
Viola odorata	10
Wallflower, Dwarf German Mixed	25

CALIFORNIA PRIVET

For Ornamental Hedges

Now used very extensively for ornamental hedges; of very free growth and thrives under the most adverse conditions. Foliage dark glossy green and remains on the plant until severe winter sets in. Of very rapid and uniform growth and will form a fine hedge in a few years.

Plant 10 to 15 inches apart, according to size of plants, in double rows, alternating the plants; requires a severe pruning the first two or three years to produce a dense hedge from the base up.

Orders also booked for spring delivery

	100	1,000
12 to 18 inches high	$3 50	$30 00
18 to 24 inches high	4 50	40 00
24 to 30 inches high	5 50	50 00

IF YOU DESIRE A PERFECT LAWN, USE OUR EVERGREEN LAWN GRASS SEED

GRASS SEED, Highest Grade

Prices variable. Prices of Grass Seed fluctuate; rates here given are those ruling at this date. For Grass Seed sent by mail, add postage at the rate of 8 cts. per lb. to prices. Write for special prices on large quantities.

We sell only the highest grade of grass seeds produced; of most of the grass seeds here offered there are various grades on the market—as many as five grades of some varieties. The weight of the best grades of grass seed is in some cases double the weight of lower grades of seed, consequently there is a corresponding difference in value and cost. We shall be pleased to submit samples.

Creeping Bent (*Agrostis stolonifera*). Succeeds well in moist situations. Bus. 15 lbs. Lb. 35 cts., 10 lbs. $3, 100 lbs. $28.

Crested Dog's Tail (*Cynosurus cristatus*). Valuable for pasture on hard, dry soils. Bus. 21 lbs. Lb. 40 cts., 10 lbs. $3.70, 100 lbs. $35.

Fine-leaved Fescue (*Festuca ovina tenuifolia*). Flourishes well on dry and sterile soils; well suited for lawns. Bus. 14 lbs. Lb. 45 cts., 10 lbs. $4.10, 100 lbs. $39.

Hard Fescue (*Festuca duriuscula*). Thrives well in dry situations where many other grasses will not grow. Bus. 14 lbs. Lb. 30 cts., 10 lbs. $2.40, 100 lbs. $22.

Italian Rye (*Lolium Italicum*). Thrives in any soil and yields abundant crops. Bus. 22 lbs. Lb. 20 cts., 10 lbs. $1.30, 100 lbs. $11.

Kentucky Blue (*Poa pratensis*). Sow in fall or spring at the rate of two or three bushels per acre. Our seed is free from chaff and may be sown almost as easily as Timothy. Fancy quality. Lb. 35 cts., bus. of 14 lbs. $2. Write for prices on quantities.

Lawn Grass. See third page of cover.

Meadow Fescue (*Festuca pratensis*). Valuable for mixtures for permanent pastures. Bus. 22 lbs. Lb. 40 cts., 10 lbs. $3.70, 100 lbs. $35.

Meadow Foxtail (*Alopecurus pratensis*). Desirable for permanent pasture on moist soil; early and rapid in growth. Bus. 7 lbs. Lb. 40 cts., 10 lbs. $3.20, 100 lbs. $30.

Orchard (*Dactylus glomerata*). Rapid in growth and yields a large aftermath; earlier than other grasses. Choicest grade. Lb. 30 cts., bus. of 14 lbs. $2.50, 100 lbs. $16.

Perennial Rye (*Lolium perenne*). Affords pasture very early in the spring. Sow early in the spring at the rate of 1 to 1½ bushels per acre. Bus. 22 lbs. Lb. 20 cts., 10 lbs. $1.30, 100 lbs. $11.

Sweet Vernal (*Anthoxanthum odoratum*). Mixed with other grasses it is valuable for pasture on account of its earliness; pleasing in fragrance. Lb. 75 cts.

Red Top (*Agrostis vulgaris*). Very suitable for pasture on low ground. **Choice,** lb. 20 cts., bus. of 14 lbs. $1.95; 100 lbs. $12. **Fancy,** lb. 30 cts., bus. of 32 lbs. $7.75, 100 lbs. $23.

Red, or **Creeping Fescue** (*Festuca rubra*). Very suitable for sandy or dry, impoverished soil, gravelly banks or bleak hillsides; withstands extreme drought. Bus. 14 lbs. Lb. 30 cts., 10 lbs. $2.70, 100 lbs. $25.

Rhode Island Bent (*Agrostis canina*). A very fine variety for lawn or pasture. Bus. 14 lbs. Lb. 35 cts., 10 lbs. $3, 100 lbs. $28.

Rough-stalked Meadow (*Poa trivialis*). Valuable for both moist and dry soils. Bus. 14 lbs. Lb. 40 cts., 10 lbs. $3.70, 100 lbs. $35.

Sheep's Fescue (*Festuca ovina*). Short; very thick in growth; excellent for sheep pasture. Bus. 12 lbs. Lb. 30 cts., 10 lbs. $2.50, 100 lbs. $23.

Tall Meadow Fescue (*Festuca elatior*). Early; suitable for pasture mixtures on wet land. Bus. 14 lbs. Lb. 40 cts., 10 lbs. $3.40, 100 lbs. $32.

Tall Meadow Oat (*Avena elatior*). Rapid and luxuriant in growth; valuable for soiling. Bus. 15 lbs. Lb. 35 cts., 10 lbs. $2.70, 100 lbs. $25.

Various-leaved Fescue. Thrives in cold, moist soils and in shaded places. Bus. 15 lbs. Lb. 30 cts., 10 lbs. $2.60, 100 lbs. $25.

Timothy (*Phleum pratense*). Leading grass for hay. 45 lbs. to bushel. Best grades only. Market price.

Wood Meadow (*Poa nemoralis*). Very suitable for sowing under trees. Catches quickly and well. Bus. 14 lbs. Lb. 55 cts., 10 lbs. $5.20, 100 lbs. $50.

Yellow Oat Grass (*Avena flavescens*). Adapted for sowing in mixture with other grasses for dry meadows and pastures. Lb. 75 cts.

SPECIAL GRASS SEED MIXTURES

For Permanent Hay Crops and Pastures

These mixtures are a combination of the most suitable grasses and clovers, the proportionate quantities of each being determined by the nature of the soil where they are to be sown, the situation and the purpose intended for. A blend of the most suitable grasses and clovers both for hay and pasture produces larger and more satisfactory crops than when only one or two varieties are sown, and will continue producing good crops for years.

Permanent Mixture for Hay

For Medium Land. 2 bus. per acre. Bus. of 21 lbs. $3.75.
For Dry Land. 2 bus. per acre. Bus. of 20 lbs. $4.25.
For Heavy Wet Land. 2 bus. per acre. Bus. of 21 lbs. $3.75.

Permanent Mixture for Pasture

For Medium Land. 2 bus. per acre. Bus. of 21 lbs. $4.25.
For Dry Land. 2 bus. per acre. Bus. of 20 lbs. $4.50.
For Heavy Wet Land. 2 bus. per acre. Bus. of 21 lbs. $4.25.

These mixtures can be sown either in spring or fall

CLOVER SEED (Highest Grades Only)

Prices variable. Add 8 cts. per pound for postage

Alsike, or **Swedish** (*Trifolium hybridum*). Fine for pasturage or for ensilage. Lb. 25 cts., bushel of 60 lbs., market price.

Alfalfa, or **Lucerne** (*Medicago sativa*). Will bear cutting three or four times during the season. Best clover for bringing up poor land. Lb. 25 cts., bushel of 60 lbs., market price.

Crimson Clover (*Trifolium incarnatum*). Very productive; greedily eaten by cattle. Lb. 25 cts., bushel of 60 lbs., $10.75.

Mammoth Red Clover (*Trifolium pratense perenne*). Best grade. Bushel of 60 lbs., market price.

Red Clover (*Trifolium pratense*). Best grade. Bushel of 60 lbs., market price.

White Dutch Clover (*Trifolium repens*). The best variety for lawns, as it forms a close herbage and remains green throughout the season. Highest grade of seed. Very scarce. Lb. 50 cts., 10 lbs. $4.50.

INSECTICIDES AND FUNGICIDES

Aphine. For destroying aphis, greenfly, thrip, red spider and other insects in the greenhouse and outdoors. Dilute 1 part to 40 parts of water. ½pt. 40 cts., pt. 65 cts., qt. $1.25, gal. $3.

Aphis Punk. A convenient preparation of nicotine for fumigating. Box of 12 rolls, 60 cts.; case of 12 boxes, $6.50.

Arsenate of Lead. A very effective mineral insecticide for all leaf-eating insects, especially codling moths, caterpillars and elm beetles. Dilute 1 lb. to 50 parts of water. Lb. 25 cts., 2 lbs. 45 cts.

Bug Death. A fungicide, insecticide and plant-food combined. Non-poisonous and very effective for cabbage and tomato worms, potato and cucumber bugs. Apply with duster in powder-gun. Lb. 15 cts., 3-lb. pkg. 35 cts., 5-lb. pkg. 50 cts., 12½-lb. pkg. $1, 100-lb. pkg. $7.50. Bug-Death Duster for applying, 25 cts.

Bordeaux Mixture. For black rot, mildew, blight, rust, scab, and all fungoid diseases on fruits and plants. Lb. 25 cts., 5 lbs. 85 cts., 25 lbs. $3.

Bordeaux Mixture, Dry. One pound, when dissolved, will make 5 gals. of liquid. Lb. 25 cts., 5 lbs. $1, 10 lbs. $1.90.

Carter's Worm Eradicator. A non-poisonous preparation. Very efficacious in destroying the worms that infest lawns; when applied, the worms come to the surface and die. Lb. 15 cts., 5 lbs. 60 cts., 10 lbs. $1, 25 lbs. $2, 50 lbs. $3.50, 100 lbs. $6.

Climax Lawn Sand. For weedy lawns. Will adhere to the rough, hairy leaves of dandelion, plantain, etc., and by absorbing therefrom all the sap, destroy them beyond recovery. Also acts as a fertilizer for the lawn. 3½-lb. tin can, 50 cts.

Cutworm Food. Effectual for cutworms on melons, cucumbers, tomatoes, beans, eggplant, cabbage, cauliflower and squash. It does not injure or affect growing plants in any way, and if applied as directed on package it will destroy the cutworm. 25 cts. per package.

Copper Solution. For mildew, blight and rust on fruits, flowers and vegetables; dilute 100 times with water and spray. Qt. 50 cts., gal., $1.75.

Fir Tree Oil Soap. Fir Tree Oil prepared in soap form. Lb. 45 cts., 5 lbs. $1.90.

Fly Spray. (Target Brand.) For keeping all kinds of flies, mosquitos and other insects from annoying your stock. Non-poisonous. Qt. 40 cts., gal. $1, 5 gals. $4.

Fostite. Best remedy for mildew, black-rot, leaf-mold, etc. Lb. 15 cts., 5 lbs. 60 cts., 25 lbs. $2.50.

INSECTICIDES AND FUNGICIDES, continued

Flowers of Sulphur. For mildew on plants. Lb. 10 cts., 5 lbs. 40 cts., 10 lbs. 60 cts., 100 lbs. $4.25.

Getz-There Soap. An infallible remedy for plant lice, scale insects, mealy bug, red spider, black and white fly, black and green aphis and other pests in the greenhouse, and also for many pests that infest the garden and orchard. Per gallon can, $1.

Gishurst's Compound. For green, brown and black fly, mildew, thrip, mealy bug and scale. Box 60 cts.

Grape Dust. For mildew, mold and rust. Lb. 10 cts., 5 lbs. 35 cts.

Hellebore, Powdered White. For rose-slugs, currant worms, etc. Lb. 25 cts., 5 lbs. $1.

Horicum. A lime, sulphur and salt mixture, entirely free from grit. Dilute with 25 parts of water. Full directions with every can. Specially recommended for San Jose scale. Gal. $1.15.

Humane Fly Killer. A preparation for promptly and humanely killing all sorts of insects, such as flies, mosquitos, gnats, wasps, moths, etc., which infest houses, grounds and stables. A little of this put in a saucer or dish quickly attracts them and kills them instantly. Per bottle, 35 cts.

Kerosene Emulsion. If thrown over tent, or hairy caterpillars in a fine stream with some force it breaks the web and destroys the caterpillars. Dilute 1 qt. to 6 gals. of water. Qt. 40 cts., ½gal. 60 cts., gal. $1, 5 gals. $4.50.

Lawn Ant Destroyer. The only ant destroyer that absolutely kills both the ant and the eggs, not driving them elsewhere to found another colony, as is frequently the case with other preparations. Does not injure grass, plants or shrubs. Pt. $1.25.

London Purple. Highest grade. For killing potato bugs. Lb. 25c.

Lemon Oil. Destroys mealy bugs, scale, thrips, etc. ½pt. 25c., pt. 40 cts., qt. 75 cts., ½gal. $1.25, gal. $2.

Lime-Sulphur Solution. Now extensively used for scale insects of all kinds on trees and shrubs; is also an effective remedy for fungous diseases of the bark. Fruit trees require spring and fall treatment, after the leaves have dropped in the fall, and before the buds have started in the spring. Dilute with ten parts of water and apply with a spray pump. The hands should be protected with gloves. Gal. 75 cts., 5 gals. $2.25, 25 gals. $6, bbl. of 50 gals. $11.

Nico-Fume. For fumigating. Strips of paper strongly saturated with nicotine. Cans of 24 sheets, 75 cts., 1 gross of sheets, $3.50; 288 sheets, $6.50.

Nico-Fume Liquid. For spraying and vaporizing. ¼pt. 50c., pt. $1.50, qt. $2.90, ½gal. $5.50, gal. $10.50.

Nicoticide. Fumigating compound. ½pt. $1.25, pt. $2.50, qt. $4.50. Vaporizing apparatus, 50 cts.

Nikoteen. Contains 40 per cent nicotine; 1 pint contains as much nicotine as 200 pounds of tobacco stems. ¼pt. 40 cts., pt. $1.50, 5 pts. $7.

Paris Green, Pure. In boxes, lb. 40 cts.

Persian Insect Powder. Non-poisonous. A superior grade. Kills all kinds of insects on plants in the garden and in the house. ¼lb. 15 cts., lb. 50 cts.

Rose Bug Exterminator. A positive killer of all insect life on flowers, shrubbery and vines, which is absolutely harmless to the most delicate plants or flowers. Also cleanses and beautifies the foliage. ¼pt. 40 cts., ½pt. 75 cts., pt. $1.25, qt. $2.25, gal. $8.

Scale Destroyer. Kills scales, larvæ, insect eggs and all kinds of insects. Dilute 1 quart with 25 quarts of water, 1 quart with 30 quarts and 1 quart with 40 quarts respectively for winter, spring or fall and summer treatment. Qt. 35 cts., 2 qts. 65 cts., gal. $1, 5 gals. $3.75.

Slug-Shot. This non-poisonous powder requires no further mixing or preparing. It is very effectual in destroying potato bugs, and bugs, beetles, green and black fly, slugs, worms, caterpillars, etc. 1-lb. cartons 15 cts., 5 lbs. 35 cts., 10 lbs. 65 cts., 100 lbs. $5.

Tobacco Soap, Sulpho. Unsurpassed for roses; also valuable exterminator of moths, cockroaches and carpet bugs. A superior wash for dogs and other animals. Relieves horses and cows from the torment of flies, prevents poultry lice. 3-oz. pkg. 10 cts., by mail, 13c.; 8-oz. pkg. 20 cts., lb. 35 cts., by mail, 50 cts.

Tobacco Soap, Pinner's. A very potent specific for insects, parasites and their eggs. May be used either for plants or animals. Lb. 35 cts., 5 lbs. $1.50.

Tobacco Stems. For fumigating. Fresh baled. Bale of about 300 lbs., $2.25.

Tobacco Dust, Fine. The most effective and cheapest remedy for the flea on cabbage, radish, etc. Lb. 10 cts., 5 lbs. 30 cts., 10 lbs. 50 cts., 50 lbs. $2, 100 lbs. $3.50.

Tobacco Dust, Coarse. Coarse grade for fumigating. 5 lbs. 30 cts., 10 lbs. 50 cts., 50 lbs. $2, 100 lbs. $3.50.

Tree Tangle-Foot. Protects trees from canker worms, cutworms, ants, tussock moths and all climbing insects. It will not injure trees and when applied remains sticky for three months. Apply it thoroughly around the trunk of the tree just below the lower limbs in a band of 6 to 8 inches in width. Most effective if applied early in March. Lb. can 30 cts., 3 lbs. 85 cts., 10 lbs. $2.65, 20 lbs. $4.80.

Whale-Oil Soap. For destroying and preventing insects on plants, trees, vines, etc. Very easily applied and very effective. Lb. 15 cts., 2 lbs. 25 cts., 5 lbs. 50 cts.

Weed-Killer, Target Brand. Dilute 1 gallon with 49 gallons of water. Qt. 35 cts., 2 qts. 65 cts., gal. $1, 5 gals. $3.75, 10 gals. $7.25, 25 gals. $13.75, bbl. of 50 gals. $25.

Reade's Electric Worm Eradicator. For removing worms from greenhouses, lawns, flower-pots, vases, etc., without damage to the plants. Bottle, 50 cts. and $1.

Wilson's Plant Oil. An insecticide for use on palms and other house plants. Dilute 1 quart with 4 quarts of lukewarm water. Pt. 40 cts., qt. 75 cts., gal. $2.

FERTILIZERS (Prices variable)

Beckert's Odorless Lawn and Garden Fertilizer. A clean, high-grade fertilizer, especially prepared for us. Produces a rapid rich green growth of grass. 10 lbs. 45 cts., 25 lbs. 90 cts., 50 lbs. $1.50, 100 lbs. $2.50, 200 lbs. $4.80, 500 lbs. $11.75, 1,000 lbs. $22.50, 1,500 lbs. $33, ton $43.

Bon Arbor. Contains more soluble plant-food than any other fertilizer and its merits have been widely tested and proven by numerous expert gardeners. ½lb. can 20 cts., by mail, 30 cts.; per lb. can 35c., by mail, 50c.; per 5-lb. can, $1.50, 25 lbs. $6.50, 50 lbs. $12.50.

Bowker's Plant Food. For pot-plants. Pkg. 15c., postpaid 25c.

Button Bone. For preparing soil for roses, grape-vines, trees, small fruits, etc. 10 lbs. 50 cts., 100 lbs. $3.25, 200 lbs. $6.

Clay's Fertilizer. For all horticultural purposes. Very effective if used with potting soil or in soil of benches, planted with flowering plants, or for the cultivation of flowers, fruits and vegetables, for exhibition purposes where the very best possible results are desired. 2-lb. can 30 cts., 7-lb. bag 75 cts., 14-lb. bag $1.15, 28-lb. bag $2, 56-lb. bag $3.50, 112-lb. bag $6.50.

Canada Unleached Hardwood Ashes. Fine for lawns or orchards. Sack of 100 lbs. $1.50, 400 lbs. $4.75, 1,000 lbs. $11, ton $20. No smaller parcel sold than sack of 100 lbs.

Cocoa Fiber. Stimulates a strong and fibrous growth. 100 lbs. $2.

Fame's Fertilizer (Imported). Swift, safe and sure. 7-lb. bag 75c., 14-lb. bag $1.25, 28-lb. bag $2.25, 56-lb. bag $3.75, 112-lb. bag $6.75.

Horn Shavings. A fertilizer specially adapted for roses, chrysanthemums, etc. Fine grade, 25 lbs. $1.50, 50 lbs. $2.75, 100 lbs. $5.

Leaf-Mold. For mixing with potting soil. Bbl. $1.90.

Live Sphagnum Moss. For orchids. Bbl. $3.50.

Fertilizers sold for spot cash only

Orchid Peat, Epp's English. Sack, $2.50.

Orchid Peat, Fibrous. For orchids. Bbl. $2.

Peat, Jersey. For mixing with potting soil. Bbl. $1.90.

Pure Raw Bone Meal, No. 1 Grade. 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. $1.30, 100 lbs. $2.10, 200 lbs. $3.90, 500 lbs. $9.25, 1,000 lbs. $17.50, ton $33.

Pure Raw Bone Flour. Same as No. 1, but fine as dust; acts quickly and is fine for florists' work. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 90 cts., 50 lbs. $1.70, 100 lbs. $2.75, 200 lbs. $5.25.

Peruvian Guano. Lb. 10 cts., 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. 85 cts., 50 lbs. $1.55, 100 lbs. $3.20, 200 lbs. $6.

Scotch Soft Coal Soot. Stimulates luxuriance of growth and gives darkness and brilliancy to foliage and flowers. 100 lbs. $5.

Sheep Manure. A most excellent stimulant, promoting a strong, healthy and rapid growth. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 70 cts., 50 lbs. $1.25, 100 lbs. $2, 500 lbs. $9.25, 1,000 lbs. $17, ton $32.

Special Chrysanthemum Manure (Thomson's). The Vine, Vegetable and Plant Manure is adapted for mixing with the soil when potting chrysanthemums and other plants. This **special** manure is meant to be used as an additional stimulant during the growing season. A heaped dessertspoonful is sufficient for a plant in a 10-in. pot. Sprinkle on surface of soil then water with tepid water. Apply three times during growing season. 7-lb. bag $1.35, 14-lb. bag $2.50, 28-lb. bag $4.50, 56-lb. bag $7.50.

Shredded Cattle Manure. 100 lbs. $2, 500 lbs. $9, ton $33.

Vine, Plant and Vegetable Manure. For fruit-bearing plants. 7-lb. bag 75 cts., 14-lb. bag $1.25, 28-lb. bag $2, 56-lb. bag $3.50, 112-lb. bag $6.50.

MISCELLANEOUS SUPPLIES

	Each
Aprons, Gardener's Rubber	$2 00
Oiled	1 15
Bellows, Woodason's—	
Double Cone Powder	3 00
Single Cone Powder, large	2 00
Smaller size	1 15
Liquid Spraying, large	2 00
Smaller size	1 50
Sulphur Bellows	1 60
Bill Hooks, English	1 25

Cut-flower Boxes—	Doz.	100
21 x 8 x 4 in.	$0 80	$4 50
24 x 8 x 5 in.	90	5 25
30 x 12 x 6 in.	1 65	11 50

Carnation Supports. 2 and 3 rings	
45 cts. and 55 cts. per doz. $3.15 and $3.50 per 100	
Corn Knives. For cutting down corn-stalks	$0 45
Dandelion and Plantain Puller, Bateman	35
Dandelion Puller, long handle	25
Dibble, Wooden Handle. Steel points 30 cts. and	35
All Iron	40
Dock and Thistle Cutter 75 cts. and	1 00
Duster for Slug-Shot 2 qts. 15 cts., 4 qts.	25
Forks, Weeding, Saynor's Long-handle	75
Short Handle	25
Fumigators—For fumigating greenhouses—	
Nos. 1, 2, 3 and 4, holding ½, 1, 2, 3 pks., $1.25, $1.75, $2.25,	3 25
Garden Line, Italian Hemp. Extra quality	
50 ft. 35 cts., 100 ft. 65 cts., 200 ft. $1.10, 300 ft. $1.60	
Garden Line, white, glazed	
50 ft. 30 cts., 100 ft. 55 cts., 200 ft. $1, 300 ft. $1.45.	
Garden Line Reels, with stake 8-in. $1, 10-in.	1 50
Glass Clamps. For supporting broken glass	
35 cts. for 25, $1.25 per 100	
Glazing Points, Peerless. Nos. 2 and 2½	
60 cts. per 1,000, by mail 75 cts.	
Siebert's. ⅝- and ⅞-in. Per lb. 50 cts., by mail 65 cts.	
Gloves, Goatskin. For handling thorny plants	1 25
Grafting Wax ¼lb. 10 cts., ½lb. 15c., lb. 25c.	
Grass Edging Knives, Saynor's 8-in. $1.25, 9-in.	1 40
American. 9-in.	75
Grass Hooks, Pearce's. Imported; riveted back	50
German	30
Handles. Of tough, clean, second-growth ash	
8-ft. 40 cts., 10 ft. 50 cts., 12 ft.	65
Hanging Baskets. Galvanized wire. 10-in. 20 cts., doz. $2.; 12-in. 25 cts., doz. $2.50; 14-in. 35 cts., doz. $3.50; 16-in. 45 cts., doz. $4.50; 18-in., heavy, 55 cts., doz. $5.70.	
Hoes, Bateman. 5½- and 6½-in. blades 50 cts. and	60
Scuffle, Saynor's 4-, 6- and 8-in. blades, 45c., 60c. and	70
Thinning 4¼-in. blades, 18-in. handles	45
Warren	75
Draw or Field. Socket handle	55
Prong or Potato	65
Hilton 50 cts. and	75
Hose Nozzle, Pet. Spray or solid stream	35
Hose, Rubber, Revero. In 50-ft. lengths, including couplings, ¾-in. $9.50, ½-in., 50 ft. lengths, $8.50	
Electric ¾-in. 50-ft. $10.50	
Hose Menders, Brass. ½-, ¾- and 1-in. per doz. $1, by mail, $1.10	10
Hotbed Mats, Burlap. 40 x 76 doz. $10	1 00
Burlap. 76 x 76 doz. $15.50	1 40
Waterproof. With waterproof duck on one side	
40 x 76 doz. $14	1 25
76 x 76 doz. $20	1 75
Sash. Shipped direct from factory to purchaser, purchaser paying freight charges. Sash 3 feet wide by 6 feet long. Of cypress, glazed and puttied doz., $42	3 60
Hyacinth Glasses doz. $1.60	15
Knives, Budding—	
Saynor's. 1 blade, straight or curved	1 50
Our Special. 1 straight, 1 curved blade	1 00
German. 1 straight blade	75
Small. 2 blades	50
Pruning, Saynor's $1.15 and	1 50
Lawn Trimmer and Edger, Coldwell. Trims edges of lawns with speed and perfection	5 00

Labels. Painted wooden pot—	100	1,000
4-inch	$0 12	$0 90
4½-inch	15	1 00
5-inch	20	1 25
6-inch	25	1 50
8-inch	40	3 50

	100
Labels, Garden. 8-inch; 1¼ in. wide	$0 50
10-inch; 1¼ in. wide	65
12-inch; 1¼ in. wide	80
14-inch; 1½ in. wide	1 75
16-inch; 1½ in. wide	2 00
Horticultural, Iron. 20 cts. each, $2 per doz.	15 00
Tree. Painted; copper-wired; 3½-inch 1,000, $1.50	25
Zinc. For pots. 6-inch doz. 15 cts.	1 00
For trees and shrubs, wired doz. 7 cts.	50

Lawn Sprinklers—	Each
The New Comet	$3 50
Pluvius	1 25
Brass Ring	60
C. B. G. "Cheap But Good"	35
The California	1 75
Mastica. An improved putty gal. $1.40, 5 gals. $6.75	
Mastica Machine. For applying	1 30
Mole Trap, Out-of-Sight	75
Reddick	1 00
English. For hotbeds	40
Moss, Green Log. Sq. yd. 40 cts., crate $3.50	
Sphagnum, Dried bbl. $1.50, bale of 10 bbls. $5.50	
Paper, Tissue Ream, $1	
Waxed Ream, $2	
Pencils, Indelible, Wolff's. For writing on labels	10
Plant-Protecting Cloth. Medium weight	
Bolt of 60 yards, $5	
Powder Gun—	
Little Giant	6 00
Plant Tubs. The demand for small-sized tubs has induced us to add them to our list. Made of red cedar with galvanized hoops.	
A. 8 in. diam., 8 in. deep	30
B. 11 in. diam., 9 in. deep	40
C. 11 in. diam., 12 in. deep	60
D. 12 in. diam., 12 in. deep	70

Union. Made of ⅞-inch red cedar, light, neat, durable; painted green—	Outside diam.	Depth	
No. 1	11½ inch	11½ inch	1 00
No. 2	13½ inch	11¼ inch	1 20
No. 3	14¾ inch	14½ inch	1 60
No. 4	16 inch	15 inch	1 90
No. 5	19 inch	18 inch	2 90
No. 6	22 inch	19½ inch	3 65
No. 7	25 inch	22 inch	4 80
No. 8	26 inch	23¾ inch	5 85

White Cedar. Painted green, hoops, handles and leg casting painted black; the best tub made—	
No. 8. 12 in. diam., 10 in. high	1 80
No. 7. 13 in. diam., 11 in. high	2 10
No. 6. 14 in. diam., 12 in. high	2 35
No. 5. 16 in. diam., 14 in. high	3 00
No. 4. 18 in. diam., 16 in. high	3 30
No. 3. 21 in. diam., 18 in. high	4 10
No. 2. 23 in. diam., 20 in. high	5 05
No. 1. 25 in. diam., 22 in. high	5 65
No. 0. 27 in. diam., 24 in. high	6 35
Pot Hangers.— By mail, 10 cts. extra per doz.	
No. 1, for 3- to 5-in. pots 40c. per doz.	04
No. 2, for 5- to 8-in. pots 50c. per doz.	05
No. 3, for 8- to 12-in. pots 60c. per doz.	06
Putty Bulbs. For applying mastica and putty. By mail, $1.10.	1 00
Putty, Twemlow's English. Gal. $1.50	
Raffia. For tying Lb. 25 cts., 5 lbs. $1	
Rake, Lawn, The Gibb	45
Rakes, Daisy. English. For removing dandelions and other weeds from the lawn. Made of best steel, 16 teeth $3, 20 teeth	3 50
Automatic. Self-cleaning	
22-, 26-, 38- and 50-teeth, 60 cts., 70 cts., $1, and	1 50
The Ole Oleson. Curved. Does not tear the grass	50
Wooden. Ordinary	25
Steel 12-, 14- and 16-toothed, 55 cts., 60 cts. to	65
Saws, Pruning, Saynor's. 14-, 16- and 18-inch blades, $1.25 $1.50 and	1 75
Tree Pruning. With socket. Saynor's. No handle	
16-inch, $1.25; 18-inch	1 50
Pruning, American. 18-, 20- and 22-inch, 90 cts., $1.15 and $1.25.	
Tree Pruning, Hook and Saw, Little Giant. Light and very strong. The saw can be detached when not required.	1 15
Searight. Blade so arranged that it can be turned at any angle	1 50

MISCELLANEOUS SUPPLIES, continued

	Each
Scissors, Grape-Thinning. 7 in.	$0 90
Flower-Gathering	1 00
Seed Sower, Broadcast, Cahoon.	3 25
Eureka. For sowing in hotbeds	1 00
Scythes, Lawn .....30- and 36-inch blades, $1.25 and	1 50
Scythe-Stones, Welsch Talacre .....2 for 25 cts...	15
Shears, English Hedge. With pruning notch..... 8-in. blade, $1.50; 9-in. $1.75; 10-in...	2 00
Grass Border, Saynor's. 8 in.	2 25
10 in.	2 75
Grass. Single spring, English	60
No. 3075, 7 in., English	1 00
Inside spring, 7 in.	1 50
Inside spring, 7½ in., Saynor's	1 75
Grass Border .....9 in., $2.25; 10 in...	2 50
Grass Border, Saynor's. With wheel.....9-in. blade,	2 75
Lawn, with two wheels. Imported.....9 in., $2.50; 10 in.	2 75
Lopping. Imported. 2½-, 3- and 4-in. blade, $2, $2.25 and	2 75
Lopping, Saynor's .....31 in.	2 65
Pruning, Pivotal Draw Cut. Has a draw cut suitable for heavy work	1 50
Pruning, Lopping, Searight	1 75
Pruning. Wheel spring. 7, 8, 8¼, 9 and 10 in., $1.25, $1.35, $1.50, $1.75 and	2 00
Pruning, Montreuil. French. 8 inches	2 75
Pruning, Aubert. French. 8½ inches	2 50
Tree-Pruning. Pole.....8 ft.	1 25
Sieves. Heavy. 18 in.; ⅛- to ¾-in. mesh	75
Silkaline. For stringing smilax. Spool 25 cts., lb. $1.50	
Spades, Steel	1 00
Spading Forks. Four tines	1 00
Spray Nozzle, Vermorel. Bordeaux	75
Sprayer, The Admiral. For spraying trees	3 60
Vaporizing. For pot-plants and shrubbery. Tin, 50c.; brass	1 00
Boston. Pittsburg gage	65
Standard gage	60
Sprayometers. For testing Lime-Sulphur Solution	90
Sprinklers, Rubber. Straight neck, Nos. 1, 2, 3, ..$1, 90c.,	60
Angle-neck. Small	80
Large	1 00

	100	500	1,000
Stakes, Cane. Can be cut in lengths to suit.			
4 to 6 feet	$0 70	$2 75	$5 25
6 to 9 feet	1 00	4 25	8 00
7 to 10 feet	1 25	5 00	9 00
9 to 12 feet, extra heavy	1 65	7 75	15 00

	Each	Doz.	100
Wooden, Tapering Round. Painted green—			
1½ feet	$0 02	$0 17	$1 00
2 feet	03	30	1 75
2½ feet	04	40	2 50
3 feet	05	52	3 35
3½ feet	06	65	4 20
4 feet	07	75	5 00
5 feet	08	85	6 00
Heavy Dahlia. Painted green—			
3 feet	08	80	5 00
3½ feet	09	90	5 95
4 feet	10	1 15	7 00
5 feet	12	1 30	8 65
6 feet	14	1 60	10 60

	Doz.	100	1,000
Galvanized. No. 9 wire—			
2 feet	$0 12	$0 60	$5 00
2½ feet	15	75	6 25
3 feet	18	90	7 75
3½ feet	22	1 10	9 00
4 feet	25	1 25	10 50
5 feet	35	1 50	13 00
Hyacinth. Painted green—			
12 in.	05	25	1 50
18 in.	08	40	2 00

	Each
Syringes, Brass, Saynor's.	
No. 00, 12-in. barrel, 1½ in. diam.; 1 jet, 1 spray	$2 00
No. 1½, 16-in. barrel, 1⅝ in. diam.; 1 jet, 2 sprays	4 50
No. 9, 18-in. barrel, 1¼ in. diam.; 1 jet, 1 spray	4 00
No. 3, Ball Valves, 18-in. barrel, 1½ in. diam.; 1 jet, 2 sprays.	5 75
No. 5, Knuckle Joint, 16¼-in. barrel, 1½ in. diam.; 1 jet, 2 sprays	7 25
Thermometers, Greenhouse, Tested.....doz. $5.50..	50
Self-registering. Register heat and cold	3 00
Hotbed, or **Mushroom**	1 50
Brooder	35
Incubator.....60c. and	75
Tin Foil. For wrapping.....Lb. 15c...	
Tomato Supports.....$2 per doz., $14 per 100..	20
Toothpicks. For stemming.....10 cts. per box..	
Torch, Asbestos. For burning caterpillars on trees	40

	Each
Tree Scraper. Three-edged	$0 30
Trowels, Transplanting	40
Angle..... 7- and 8-in. blades, 15 cts. and..	20
Forged steel. Blade and shank one piece. 6-in.	40
Sheet Steel. Blade and shank one piece. 6-in.	25
Turfing Spade. For lifting sod	4 00
Twine, Green. For tying. Ball 10 cts., lb. 60 cts.	
White Cotton. For tying. Ball 10 cts., lb. 45 cts.	
Vine Cutters. Long handles. 30 cts. each.	
Watering Cans. Heavy galvanized iron. With 2 copper sprays. 4-, 6-, 8-, 10-, 12-qt., $1.60, $1.85, $2.10, $2.30 and $2.70 each. Extra sprays, 25 cts. each.	
Low. For greenhouses. 4-qt., $1.50.	
Weeders—	Each
Lang's	$0 25
Hazeltine	25
Excelsior	10
Eureka	50
The Easy	35
Onion	35
Michigan Beet	35
Diamond	25
Little Jap	20
Cleveland. Long handle. Can be used standing erect	60
Wheelbarrows, Garden. No. 3. Bins 26 inches long, 19 inches front width, 22 inches back, 12 inches sides, 3-in. tire. $4.50.	
Wire, Annealed. Florists' stemming, cut in 12- and 18-in. lengths. Box of 12 lbs. No. 19, $1.20; No. 21, $1.25; No. 23, $1.35.	

Bucket and Barrel Sprayers

Bucket Sprayer No. 192. For spraying home trees, bushes, etc., and for whitewashing, washing windows and wagons and other odd jobs where a small hand-pump can be used economically, with good results. Is worth far more than you pay for it. 100 pounds pressure easily maintained. Can be used in any kind of solution, and whether hot or cold. Candle-wick packing. Not necessary to remove plunger for repacking. Bronze ball valves, easily got at. $6.

Horizontal Barrel Sprayer No. 190. Just what the man with a small orchard or garden has been looking for. A hand sprayer that is easy to operate, convenient to get at in all of its parts, is stable on its foundation, is so mounted that it can be placed on any conveyance and moved at will, has a fine outside pump with high pressure. Sold plain, or with one or two leads of hose. Steel pipe rod for orchard spraying and bucket strainer furnished when ordered. $15 without barrel; $18 with barrel.

Vertical Barrel Pump No. 191. Can be attached to any barrel with or without head. The strain in operating comes on the staves and not on the head. Is mounted outside the barrel. Any kind of solutions—hot or cold—no leather packing—easy to repack—brass ball valves, easily got at. May be ordered with same equipment as the horizontal barrel sprayer. $15 without barrel.

Daisy Force Pump. Cheap and effective. Will throw a steady stream 40 to 50 feet. Each $1.

The Auto Sprayer. Eight to ten strokes of plunger in air-chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. This means that the sprayer can be charged in fifteen seconds, when it will work uninterruptedly long enough to spray a quarter-acre of potatoes. The sprayer is light and, being carried by a shoulder strap, a boy can carry it with ease and can cover ten times more area in a day than can be covered with the old-style sprayers. Made of brass, with stop-cock, $6.75, with Auto Pop, $7.65; of galvanized steel, with stop-cock $4.50, with Auto Pop $5.40; Extension pipes, 2-ft. lengths, brass, 45 cts.; steel, 35 cts.

The Kinney. For applying liquid manure; it will apply from 5 to 15 gallons per minute. Screw the pump on to the faucet, put the end of the suction pipe into your barrel or tank of liquid manure, attach the discharge hose and open up your faucet. The pump is also used for spraying and for tempering water. Made out of brass and will last for years. $1.50, by mail $1.65.

The Paragon Sprayer. For whitewashing, water-painting, disinfecting, spraying trees, vines and many other purposes. No. 3 Sprayer holds 12 gallons, $15. No. 5 Sprayer holds 30 gallons, mainly for trees, $25.

Perfect Barrel Spray. An excellent and effective spray pump. $11.50.

Little Giant Spray. The pumping is all done on the down stroke. $3.75.

Complete description of each will be sent on application

Flower Pots, Saucers, Etc.

Standard Flower Pots. When shipped direct to the purchaser from the factory in quantities of 100 to 1,000 of a size, we allow 10 per cent discount from these prices.

	Each	Doz.	100	1,000
1¾ in.		$0 07	$0 50	$4 40
2 in.		08	55	4 80
2¼ in.		09	65	5 60
2½ in.		10	65	6 40
3 in.		14	95	8 50
3½ in.		17	1 20	10 65
4 in.	$0 02	19	1 35	12 05
4½ in.	02	23	1 70	14 90
5 in.	04	32	2 25	19 90
6 in.	06	50	3 60	31 90
7 in.	08	90	6 10	
8 in.	12	1 25	8 65	
9 in.	15	1 65	12 10	
10 in.	25	2 20	16 15	
11 in.	35	3 25		
12 in.	45	4 50		
13½ in.	65	6 35		
15 in.	85	9 00		
16 in.	1 50			
18 in.	2 25			

Azalea and Bulb Pots—

Width-Depth	Each	Doz.	100
5 x 4 in.	$0 05	$0 40	$2 80
6 x 4½ in.	06	60	4 40
7 x 5 in.	08	85	6 05
8 x 5½ in.	11	1 10	8 55
9 x 6 in.	15	1 65	12 10
10 x 6½ in.	25	2 20	16 15
11 x 7½ in.	30	2 65	
12 x 8 in.	35	3 80	
13½ x 8½ in.	45	4 90	
15 x 18½ in.	70	6 50	

Fern and Seed Pots—

Width-Depth			
5 x 3¼ in.	05	40	2 80
6 x 3¼ in.	06	60	4 40
7 x 3¾ in.	08	85	6 05
8 x 3½ in.	11	1 10	8 55
9 x 3½ in.	15	1 65	12 10
10 x 3½ in.	20	2 00	14 75
11 x 3¾ in.	30	2 70	
12 x 4 in.	35	3 25	

Fern Dishes—

	Each	Doz.
5 in.	$0 06	$0 60
6 in.	07	70
7 in.	08	80
8 in.	10	1 00

Round Seed Pans—

9 in.	20	1 50
12 in.	25	2 25

Flower Pot Saucers—

4 in.	02	15
5 in.	02	18
6 in.	03	26
7 in.	04	40
8 in.	06	55
9 in.	07	70
10 in.	09	95
12 in.	14	1 40
13½ in.	28	2 90
15 in.	33	3 60

Orchid Pots—

	Each	Doz.
5 in.	$0 15	$1 35
6 in.	18	1 80
7 in.	25	2 25
8 in.	30	2 75
9 in.	35	3 65
10 in.	50	5 30

Wood Fiber Saucers—

4 in.	10	1 10
5 in.	11	1 15
6 in.	11	1 20
7 in.	12	1 30
8 in.	13	1 45
9 in.	14	1 55
10 in.	15	1 65
12 in.	17	1 95
14 in.	23	2 60
16 in.	40	4 55
18 in.	45	5 40

Wood Fiber Roller Stands. Hardwood rollers and ball-bearing casters. Save carpets and floors. Will not soak or rust.

	Each
12-in. diameter for 10-in. pot	$0 65
14-in. diameter for 12-in. pot	75
16-in. diameter for 14-in. pot	95
18-in. diameter for 16-in. pot	1 05
20-in. diameter for 18-in. pot	1 15
22-in. diameter for 20-in. pot	1 40

Wood Fiber Vases. For cut-flowers. Neat and durable.

	Inside diam.	Inside depth	
No. 0	8 in.	13 in.	55
No. 1	5½ in.	10 in.	50
No. 2	4½ in.	9 in.	45
No. 3	4 in.	6 in.	40
No. 4	3 in.	4½ in.	35
No. 00	9 in.	22 in.	1 75
No. 11	5½ in.	18 in.	55
No. 22	4½ in.	15 in.	50
No. 33	4 in.	12 in.	45
No. 44	3 in.	9 in.	40
No. 000	9 in.	29 in.	1 80

Coldwell's Horse Lawn Mower

This is one of the best and most perfect Horse Lawn Mowers manufactured. It is used exclusively by the Government, and on the largest public and private lawns in the country. These Mowers are furnished with shafts, seat and side-draft attachment, which keeps the horse on the cut grass only. Each Mower is warranted to give complete satisfaction. 30-inch cut $65, 35-inch cut $78, 40-inch cut $95.

Regal Lawn Mower

Ball-bearing

The highest-grade Lawn Mower on the market. Unsurpassed in material, workmanship and finish. Its 5 blades in the revolving cutter insure a fine, even cut, and the large diameter drive wheels and its fine cut gear insures ease and quietness of running. 14-inch $9, 16-inch $10, 18-inch $11, 20-inch $12.

Grand Lawn Mower (Ball-bearing)

A strictly high-grade, 5-blade ball-bearing Mower. 14-inch cut $8.50, 16-inch cut $9, 18-inch cut $9.50, 20-inch cut $10.

Imperial Lawn Mower

These are used by the Government and on the lawns of many leading grounds throughout the country. 4-bladed high wheel, 14-inch $7.75, 16-inch $8.50, 18-inch $9.25, 20-inch $10.

Philadelphia Lawn Mowers

High Wheel, Style A. 15-inch $10.50, 17-inch $11.50, 19-inch $12.50, 21-inch $13.50.

High Wheel, Style E. 15-inch $7.75, 17-inch $8.50, 19-inch $9.50, 21-inch $10.50.

Geared Roller Mower

6-bladed, for golf-links. 14-inch $11.50, 16-inch $12.50, 18-inch $14.50, 20-inch $16.50.

4-bladed for edging. 14-inch $9.75, 16-inch $10.75, 18-inch $12.75, 20-inch $14.75.

Lawn Sweeper

The Pennsylvania. This Lawn Sweeper will do the work of three men, and will do it thoroughly. $16.

Coldwell Lawn Trimmer and Edger

The best machine for trimming and edging now on the market. 8-in. cut, 4 blades, revolving cutter 5-in. diameter, 8-in. drive wheels, patent adjustable ball bearings. Best tool steel bottom knife. Price $5.

Grass Catchers

14-inch $1.60, 16-inch $1.85, 18-in. $2, 20-in. $2.15.

"The Easy." This Grass Catcher will fit any size and style of lawn mower and can be attached or detached in a moment. Made of sheet iron bottom and canvas sides. Small size. Fits 12-in., 14-in. and 16-in. Mower, $1.50. Medium size. Fits 17-in. and 18-in. mower, $1.55. Large size. Fits 19-in., 20-in. and 21-in. mower, $1.65.

Lawn Sweeper

Horse Lawn Boots

This boot is made of steel plates. Can be fitted to the foot of shod or unshod horses, and does not depend for its grip upon the heel, as other makes. $8.

The Phillips. Made of steel plate adjusted by means of a clamp bound around the foot. Made in 4 sizes. $7.

Made of Leather. In ordering, send outline of hoof. $9.

Anyweight Lawn Rollers

Built with hollow steel drum. Boiler riveted at ends and seam and absolutely leak-proof. Entrance for weighing material is provided by a ¾-inch hole drilled through each of the cast shoulder hubs. These entrances are stopped by threaded pipe plugs. To weight the machine, turn on end, remove one of the pipe plugs by unscrewing; insert nozzle of garden hose or, if necessary, use pail and pump. Fill drum to any desired weight and replace the threaded plug, and your roller is ready for business.

	Diameter	Length	Empty	Filled with water	
No. 2424.	24-in.	23¼-in.	115 lbs.	480 lbs.	$17 00
No. 2427.	24-in.	27¼-in.	124 lbs.	554 lbs.	18 00
No. 2430.	24-in.	31¼-in.	132 lbs.	624 lbs.	19 00

Lawn Roller

	Diam.	Length	Sec.	Lbs.	Price
No. 1	15 in.	15 in.	2	150	$7 15
No. 3	20 in.	16 in.	2	225	10 50
No. 4	20 in.	20 in.	2	250	11 60
No. 7	20 in.	24 in.	2	300	13 90
No. 8	20 in.	30 in.	3	350	16 15
No. 9	24 in.	20 in.	2	400	18 40

MUSHROOM SPAWN

Add 15 cts. per brick when to be sent by mail

PURE CULTURE. Repeated trials have demonstrated that the Pure Culture is far superior to spawn that is imported, and when once used no one would willingly use any other kind. It is somewhat more expensive than the old brand, but results will show that it is the best and consequently the cheapest.

Standard Brick. Per brick 25 cts., 5 bricks $1, 10 bricks $1.80, 25 bricks $3.75, 50 bricks $7, 100 bricks $12.

Direct Bricks. These are inoculated directly from the laboratory without transfer. Per brick 30 cts., 5 bricks $1.25, 10 bricks $2.30, 25 bricks $5.50, 50 bricks $8, 100 bricks $15. A brick weighs one and one-third pounds. Pamphlet on "Mushroom Culture" free on application.

POULTRY SUPPLIES

Ant Eggs. Lb. 60 cts.
Beef Meal. 5 lbs. 25 cts., 10 lbs. 35 cts., 25 lbs. 70 cts., 50 lbs. $1.25, 100 lbs. $2.50.
Beef Scrap. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. $1, 50 lbs. $1.85, 100 lbs. $3.50.
Bird Manna. Pkg. 15 cts.
Canada Peas. Qt. 10 cts., pk. 55 cts. Price for quantities on application.
Canary Sicily. Best grade. Lb. 10 cts., 4 lbs. 30 cts., 100 lbs. $6.50.
Charcoal. Esso Chicken. Fine and coarse. Each 2½-lb. pkg. 25 cts.
Chick Manna. Lb. 10 cts., 5 lbs. 40 cts.
Condition Powder (Rust's). 13-oz. box, 25c., 2-lb. box 50c., 5-lb. box $1, 8-lb. $1.50.
Creoline. Pt. $1.
Cryso-Co. 5 lbs. 10 cts., 25 lbs. 40 cts., 100 lbs. $1.
Egg Producer (Rust's). 1-lb. box 25 cts., 2½-lb. box 50c., 6-lb. box $1, 10 lbs. $1.50.
Gap Cure. ½lb. 20 cts., lb. 35 cts.
Granulated Bone. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 75 cts., 50 lbs. $1.40, 100 lbs. $2.70.
Grit Flint. 25 lbs. 25 cts., 50 lbs. 45 cts., 100 lbs. 75 cts.
Hemp. Lb. 10 cts., 3 lbs. 20 cts., 100 lbs. $6.
Kaffir Corn. 10 lbs. 40 cts., 25 lbs. 85 cts., 100 lbs. $3.25.
Lettuce Seed. Lb. 25 cts.
Liquid Lice Killer (Rust's). Qt. 35 cts., ½gal. 60 cts., gal. $1.
Maw, Blue Poppy. Lb. 25 cts.
Millet. Qt. 10 cts., pk. 60 cts.
Nest Eggs (Rust's). 5 cts. each, 50 cts. per doz.
Oyster Shell (Crushed). 5 lbs. 10 cts., 25 lbs. 25 cts., 50 lbs. 40 cts., 100 lbs. 75 cts.
Powder, Lice Killing. 5-oz. pkg. 10 cts., lb. 25 cts.
Poultry Regulator. 2-lb. pkg. 25 cts., 4-lb. pkg. 50 cts.
Prepared Poultry Food. 5 lbs. 20 cts., 25 lbs. 75 cts., 100 lbs. $2.50.
Parrot Food (Spratt's). Pkg. 10 cts.
Pigeon Food, Prepared. 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 90 cts., 100 lbs. $2.50.
Rape, German. Lb. 10 cts., 3 lbs. 25 cts., 10 lbs. 70 cts.
Rice, Unhulled. Lb. 10 cts., 5 lbs. 45 cts., 10 lbs. 85 cts.
Roup Powder, Soluble (Rust's). Pkt. 25c.
Roup Pills. 4-oz. pkg. 25 cts.
Scratch Food, Standard. 5 lbs. 20 cts., 25 lbs. 75 cts., 100 lbs. $2.50.
Sunflower. Lb. 10 cts., 3 lbs. 25 cts., 100 lbs. $7.
Vetches, Spring. For pigeons. 10 lbs. 65 cts., 25 lbs. $1.25.

POT-GROWN STRAWBERRY PLANTS

Planted early in fall will produce good crops the next season, all at $3.75 per 100. Orders taken for 50 plants and upward.

Auto	**Commonwealth**	**Gandy**	**New Home**	**Stevens Late**	**Sharpless**
August Luther	**Climax**	**Hunn**	**New York**	**St. Antoine de Padoue**	**Schofield**
Brandywine	**Clyde**	**Jessie**	**Nick Ohmer**	**Silver Coin**	**Uncle Jim**
Bubach	**Downing's Bride**	**Lovett's Early**	**Oom Paul**	**Success**	**Wm. Belt**
Beder Wood	**Excelsior**	**Marshall**	**President**	**Senator Dunlap**	**20th Century**
Champion	**Glen Mary**	**McKinley**	**Parsons' Beauty**	**Sample**	

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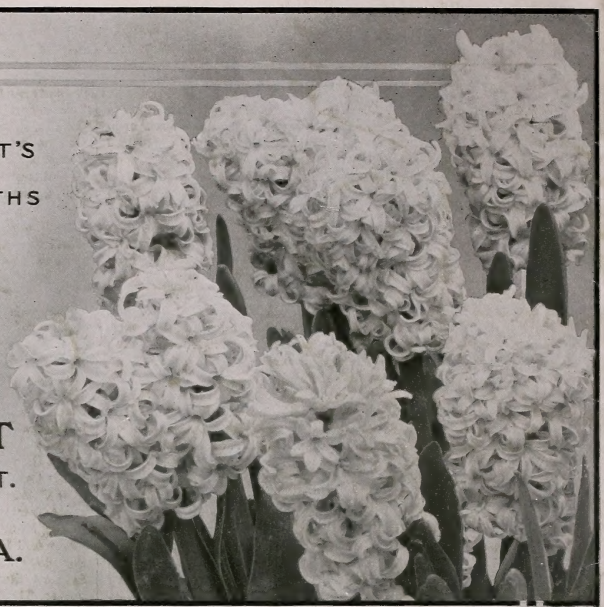

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